

# Administrative Package Cover Page

This file contains the following documents:

- 1. Summary of application (in plain language)
- 2. First Notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
- 3. Application Materials

# **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**



#### NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN WATER QUALITY PERMIT RENEWAL

#### PERMIT NO. WQ0012080001

**APPLICATION.** US Department of the Air Force, 2250 Engineer Street, Suite 7, JBSA - Fort Sam Houston, Texas 78234, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0012080001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 160,000 gallons per day in Interim phase and a daily average flow not to exceed 690,000 gallons per day during the months of April through November and 37,000 gallons per day during the months of April through November and 37,000 gallons per day during the months of Ise through March in Final phase via surface application, irrigation and evaporation of 189.75 acres of non-public access adjacent grassland. The domestic wastewater treatment facility and disposal area are located approximately 3.4 miles northeast of the intersection of Farm-to-Market Road 1604 and Interstate Highway 10, near the city of San Antonio, in Bexar County, Texas 78257. TCEQ received this application on October 17, 2024. The permit application will be available for viewing and copying at Central Library, 600 Soledad Street, San Antonio, in Bexar County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

<u>https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications</u>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.570833,29.634166&level=18

**ADDITIONAL NOTICE.** TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.** 

**PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application.** The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing. **OPPORTUNITY FOR A CONTESTED CASE HEARING.** After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application. If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing is a legal proceeding similar to a civil trial in state district court.** 

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.

# TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

**MAILING LIST.** If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

**INFORMATION AVAILABLE ONLINE.** For details about the status of the application, visit the Commissioners' Integrated Database at <u>www.tceq.texas.gov/goto/cid</u>. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at <u>https://www14.tceq.texas.gov/epic/eComment/</u>, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at <u>www.tceq.texas.gov/goto/pep</u>. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from US Department of the Air Force at the address stated above or by calling Mr. Gerald Johnson, 802d CES/CEIEC, at 210-221-4251.

Issuance Date: December 12, 2024

## Plain Language Summary Template for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

#### DOMESTIC WASTEWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

U.S. Department of the Air Force (CN 600919401) operates the Camp Bullis Wastewater Treatment Facility RN10609311. an activated sludge process plant. The facility is located approximately 3.4 miles northeast of the intersection of Interstate Highway 10 and Farm-to-Market Road 1604, approximately 1,000 feet east of Military Highway and 0.5 miles southeast of the Headquarters Building, in JBSA Camp Bullis, Bexar County, Texas 78257.

This application is for a renewal to discharge at a maximum flow of 160,000 gallons per day of treated domestic wastewater via surface application, irrigation and evaporation of 189.75 acres of non-public access adjacent grassland. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>) and total suspended solids (TSS). Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by *three treatment trains, each equipped with a manual bar screen box for preliminary treatment. Following coarse screening, the influent is then conveyed to aeration chambers (one per treatment train) for the oxidation of biological material with a maximum aeration loading of 40 lb. BOD5 per day per 1,000 cf. The mixed liquor is then conveyed to a mechanical clarifier (one per train) for settling. The clarifier effluent from all three trains is then transferred to a common Parshall flume for flow measurement prior to discharge. Settled sludge from each clarifier is either returned to its corresponding aeration basin for recycling or wasted to its corresponding digester for further treatment prior to being hauled off for disposal.* 

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



# DOMESTIC WASTEWATER PERMIT APPLICATION **CHECKLIST**

### Complete and submit this checklist with the application.

APPLICANT NAME: U.S Department of the Air Force PERMIT NUMBER (If new, leave blank): WQ00 0012080001 Indicate if each of the following items is included in your application.

	Y	Ν
Administrative Report 1.0	$\boxtimes$	
Administrative Report 1.1		$\boxtimes$
SPIF		$\boxtimes$
Core Data Form	$\boxtimes$	
Public Involvement Plan Form		$\boxtimes$
Technical Report 1.0	$\boxtimes$	
Technical Report 1.1		$\boxtimes$
Worksheet 2.0		$\boxtimes$
Worksheet 2.1		$\boxtimes$
Worksheet 3.0	$\boxtimes$	
Worksheet 3.1		$\boxtimes$
Worksheet 3.2		$\boxtimes$
Worksheet 3.3		$\boxtimes$
Worksheet 4.0		$\boxtimes$
Worksheet 5.0		$\boxtimes$
Worksheet 6.0		$\boxtimes$
Worksheet 7.0		$\boxtimes$

	Y	Ν
Original USGS Map	$\boxtimes$	
Affected Landowners Map		$\boxtimes$
Landowner Disk or Labels		$\boxtimes$
Buffer Zone Map	$\boxtimes$	
Flow Diagram	$\boxtimes$	
Site Drawing		$\boxtimes$
Original Photographs		$\boxtimes$
Design Calculations		$\boxtimes$
Solids Management Plan		$\boxtimes$
Water Balance		$\boxtimes$

### For TCEQ Use Only

Segment Number	County
Expiration Date	Region
Permit Number	

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



# DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

For any questions about this form, please contact the Applications Review and Processing Team at 512-239-4671.

## Section 1. Application Fees (Instructions Page 26)

Indicate the amount submitted for the application fee (check only one).

Flow	New/Major Amendment	Renewal
<0.05 MGD	\$350.00 🗆	\$315.00 🗆
≥0.05 but <0.10 MGD	\$550.00 🗖	\$515.00 🗆
≥0.10 but <0.25 MGD	\$850.00 <b></b>	\$815.00 🗆
≥0.25 but <0.50 MGD	\$1,250.00 🗆	\$1,215.00 🗆
≥0.50 but <1.0 MGD	\$1,650.00 🗆	\$1,615.00 🖂
≥1.0 MGD	\$2,050.00	\$2,015.00 🗆

Minor Amendment (for any flow) 150.00

### **Payment Information:**

Mailed	Check/Money Order Number: Click to enter text.		
	Check/Money Order Amount: Click to enter text.		
	Name Printed on Check: Click to enter text.		
EPAY	Voucher Number: Click to enter text.		
Copy of Payment Voucher enclosed? Yes ⊠			

## Section 2. Type of Application (Instructions Page 26)

- **a.** Check the box next to the appropriate authorization type.
  - □ Publicly-Owned Domestic Wastewater
  - Privately-Owned Domestic Wastewater
  - Conventional Wastewater Treatment
- **b.** Check the box next to the appropriate facility status.
  - $\boxtimes$  Active  $\square$  Inactive

- **c.** Check the box next to the appropriate permit type.
  - □ TPDES Permit
  - ⊠ TLAP
  - □ TPDES Permit with TLAP component
  - □ Subsurface Area Drip Dispersal System (SADDS)

**d.** Check the box next to the appropriate application type

- □ New
- Major Amendment <u>with</u> Renewal
   Minor Amendment <u>with</u> Renewal
   Major Amendment <u>without</u> Renewal
   Minor Amendment <u>without</u> Renewal
- $\boxtimes$  Renewal without changes  $\square$  Minor Modification of permit
- e. For amendments or modifications, describe the proposed changes: Click to enter text.

## f. For existing permits:

Permit Number: WQ00 <u>0012080001</u> EPA I.D. (TPDES only): TX Click to enter text.

Expiration Date: March 1, 2025

# Section 3. Facility Owner (Applicant) and Co-Applicant Information (Instructions Page 26)

### A. The owner of the facility must apply for the permit.

What is the Legal Name of the entity (applicant) applying for this permit?

### U.S Department of the Air Force

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at <u>http://www15.tceq.texas.gov/crpub/</u>

### CN: <u>600919401</u>

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in *30 TAC § 305.44*.

Prefix: <u>Brigadier General</u> Last Name, First Name: <u>Oakland, Randy</u>

Title: <u>Commander, 502d ABW & JBSA</u> Credential: <u>PhD</u>

**B.** Co-applicant information. Complete this section only if another person or entity is required to apply as a co-permittee.

What is the Legal Name of the co-applicant applying for this permit?

Click to enter text.

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the legal documents forming the entity.)

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at: <u>http://www15.tceq.texas.gov/crpub/</u>

CN: Click to enter text.

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in *30 TAC § 305.44*.

Prefix: Click to enter text.	Last Name, First Name: Click to enter text.
Title: Click to enter text.	Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: <u>Click to enter text</u>.

#### C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. Click to enter text.

## Section 4. Application Contact Information (Instructions Page 27)

This is the person(s) TCEQ will contact if additional information is needed about this application. Provide a contact for administrative questions and technical questions.

A.	Prefix: <u>Mr.</u>	Last Name, First	Name: Johnso	on, Ge	rald
	Title: Water Quality Program Man	lager	Credential: <u>R</u>	EM, C	<u>CESCO</u>
	Organization Name: <u>802d CES/C</u>	CEIEC			
	Mailing Address: 2250 Engineer Street Ste 7 (Bldg 4196) City, State, Zip Code: JBSA-Fort Sam Houston, TX 78234				
	Phone No.: <u>210-221-4251</u>	E-mail Address	gerald.johnso	n.29@	us.af.mil
	Check one or both: $\square$ Ac	lministrative Conta	ict	$\boxtimes$	Technical Contact
B.	Prefix: <u>.</u>	Last Name, First	Name:		
	Title:	Credential:			
	Organization Name: Click to enter text.				
	Mailing Address: Click to enter text. City, State, Zip Code:				
	Phone No.:	E-mail Address	Click to ente	r text	
	Check one or both: $\Box$ Ad	lministrative Conta	ict		Technical Contact

## Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

A.	Prefix: <u>Mr.</u>	Last Name, First Name: <u>Johnson, Gerald</u>
	Title: Water Quality Program Manag	er Credential: <u>REM, CESCO</u>
	Organization Name: <u>802d CES/CE</u>	IEC
	Mailing Address: 2250 Engineer Street Stee	7 (Bldg 4196) City, State, Zip Code: JBSA-Fort Sam Houston, TX 78234
	Phone No.: <u>210-221-4251</u>	E-mail Address: gerald.johnson.29@us.af.mil

B.	Prefix: <u>Ms.</u>	Last Name, First Name: <u>Jones, Sharon</u>
	Title: Chief Environmental Complia	ce Credential: <u>REM</u>
	Organization Name: 802d CES/CE	IEC
	Mailing Address: <u>1555 Gott Street (</u>	Bldg. 5595)City, State, Zip Code: JBSA-Lackland, TX 78236
	Phone No.: <u>210-671-0355</u>	E-mail Address: <u>Sharon.Jones.13@us.af.mil</u>

## Section 6. Billing Contact Information (Instructions Page 27)

The permittee is responsible for paying the annual fee. The annual fee will be assessed to permits *in effect on September 1 of each year*. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (using form TCEQ-20029).

Prefix: <u>Mr.</u>	Last Name, First Name: <u>Johnson, Gerald</u>
Title: <u>Water Quality Program Manag</u>	er Credential: <u>REM, CESCO</u>
Organization Name: <u>802d CES/CE</u>	IEC
Mailing Address: 2250 Engineer Street Ste	27 (Bldg 4196) City, State, Zip Code: JBSA-Fort Sam Houston, TX 78234
Phone No.: <u>210-221-4251</u>	E-mail Address: <u>gerald.johnson.29@us.af.mil</u>

## Section 7. DMR/MER Contact Information (Instructions Page 27)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (DMR) (EPA 3320-1) or maintain Monthly Effluent Reports (MER).

Prefix: <u>Mr.</u> Last Name, First Name: <u>Johnson, Gerald</u>

Title: Water Quality Program ManagerCredential: <u>REM, CESCO</u>

Mailing Address: 2250 Engineer Street Ste 7 (Bldg 4196) City, State, Zip Code: JBSA-Fort Sam Houston, TX 78234

Phone No.: <u>210-221-4251</u> E-mail Address: <u>gerald.johnson.29@us.af.mil</u>

## Section 8. Public Notice Information (Instructions Page 27)

#### A. Individual Publishing the Notices

Organization Name: 802d CES/CEIEC

Prefix: Mr.Last Name, First Name: Johnson, GeraldTitle: Water Quality Program ManagerCredential: REM, CESCO

Organization Name: <u>802d CES/CEIEC</u>

Mailing Address:2250 Engineer Street Ste 7 (Bldg 4196)City, State, Zip Code:JBSA-Fort Sam Houston, TX 78234Phone No.:210-221-4251E-mail Address:gerald.johnson.29@us.af.mil

# B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package

Indicate by a check mark the preferred method for receiving the first notice and instructions:

Credential: REM, CESCO

- ⊠ E-mail Address
- □ Fax
- 🛛 Regular Mail

### C. Contact permit to be listed in the Notices

Prefix: <u>Mr.</u> Last Name, First Name: <u>Johnson, Gerald</u>

Title: <u>Water Quality Program Manager</u>

Organization Name: 802d CES/CEIEC

Mailing Address:2250 Engineer Street Ste 7 (Bldg 4196)City, State, Zip Code: JBSA-Fort SamHouston, TX 78234

Phone No.: <u>210-221-4251</u> E-mail Address: <u>gerald.johnson.29@us.af.mil</u>

### **D.** Public Viewing Information

*If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.* 

Public building name: Central Library

Location within the building: Click to enter text.

Physical Address of Building: 600 Soledad Street

City: <u>San Antonio</u> County: <u>Bexar</u>

Contact (Last Name, First Name): Click to enter text.

Phone No.: (210) 207-2500 Ext.: Click to enter text.

### E. Bilingual Notice Requirements

This information **is required** for **new, major amendment, minor amendment or minor modification, and renewal** applications.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?

🗆 Yes 🖾 No

If **no**, publication of an alternative language notice is not required; **skip to** Section 9 below.

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?

□ Yes □ No

3. Do the students at these schools attend a bilingual education program at another location?

□ Yes □ No

4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?

🗆 Yes 🗆 No

5. If the answer is **yes** to **question 1, 2, 3, or 4**, public notices in an alternative language are required. Which language is required by the bilingual program? Click to enter text.

#### F. Plain Language Summary Template

Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment. **Attachment:** Click to enter text.

#### G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: Click to enter text.

# Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

**A.** If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** <u>101609311</u>

Search the TCEQ's Central Registry at <u>http://www15.tceq.texas.gov/crpub/</u> to determine if the site is currently regulated by TCEQ.

- **B.** Name of project or site (the name known by the community where located): <u>Camp Bullis WWTP</u>
- C. Owner of treatment facility: <u>U.S Department of the Air Force</u>

Ownership of Facility: $\Box$ Public $\Box$ Private $\Box$ Both $\boxtimes$ Federal

**D.** Owner of land where treatment facility is or will be:

Prefix: <u>Brigadier General</u> Last Name, First Name: <u>Oakland, Randy</u>

Title:Commander, 502d ABW & JBSACredential:PhD

Organization Name: <u>U.S Department of the Air Force</u>

Mailing Address: 2080 Wilson WayCity, State, Zip Code: JBSA-Fort Sam Houston, Tx.78234-7680

Phone No.: (210) 420-7502 E-mail Address: randy.oakland@us.af.mil

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: Click to enter text.

- **E.** Owner of effluent disposal site:
  - Prefix: Brigadier General Last Name, First Name: Oakland, Randy

Title: Commander, 502d ABW & JBSACredential: PhD

Organization Name: <u>U.S Department of the Air Force</u>

Mailing Address: 2080 Wilson WayCity, State, Zip Code: JBSA-Fort Sam Houston, Tx.78234-7680

Phone No.: (210) 420-7502 E-mail Address: <u>randy.oakland@us.af.mil</u>

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: Click to enter text.

**F.** Owner sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled by the applicant)::

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text.Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: Click to enter text.

## Section 10. TPDES Discharge Information (Instructions Page 31)

A. Is the wastewater treatment facility location in the existing permit accurate?

🗆 Yes 🗆 No

If **no**, **or a new permit application**, please give an accurate description:

Click to enter text.

**B.** Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

🗆 Yes		No
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If **no**, **or a new or amendment permit application**, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

Click to enter text.

City nearest the outfall(s): Click to enter text.

County in which the outfalls(s) is/are located: Click to enter text.

**C.** Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

## 🗆 Yes 🗆 No

If **yes**, indicate by a check mark if:

□ Authorization granted

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

Authorization pending

## Attachment:

**D.** For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: Click to enter text.

# Section 11. TLAP Disposal Information (Instructions Page 32)

A. For TLAPs, is the location of the effluent disposal site in the existing permit accurate?

🛛 Yes 🗆 🗌	No
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If **no, or a new or amendment permit application**, provide an accurate description of the disposal site location:

Click to enter text.

- B. City nearest the disposal site: <u>San Antonio, Tx.</u>
- **C.** County in which the disposal site is located: <u>Bexar County</u>
- **D.** For **TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

From the effluent flange at the proposed effluent Parshall flume, the treated effluent will be conveyed via an 8" pipe to an existing manhole at the southeast corner of the treatment plant property, thence into an existing 12" pipe that travels for approximately 1,900 feet southeast into the existing storage ponds.

**E.** For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: <u>Salado Creek</u>

# Section 12. Miscellaneous Information (Instructions Page 32)

A. Is the facility located on or does the treated effluent cross American Indian Land?

🗆 Yes 🖾 No

**B.** If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?

 $\Box$  Yes  $\Box$  No  $\boxtimes$  Not Applicable

If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.

N/A

- **C.** Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?
  - 🗆 Yes 🖾 No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: N/A

**D.** Do you owe any fees to the TCEQ?

🗆 Yes 🖾 No

If **yes**, provide the following information:

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

🗆 Yes 🖾 No

If **yes**, please provide the following information:

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

# Section 13. Attachments (Instructions Page 33)

Indicate which attachments are included with the Administrative Report. Check all that apply:

Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

Original full-size USGS Topographic Map with the following information:

- Applicant's property boundary
- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)
- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.
- □ Attachment 1 for Individuals as co-applicants
- □ Other Attachments. Please specify: Click to enter text.

#### Section 14. Signature Page (Instructions Page 34)

If co-applicants are necessary, each entity must submit an original, separate signature page.

Permit Number: WQ0012080001

Applicant: U.S Department of the Air Force

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Randy P. Oakland, PhD, Brigadier General, USAF

Signatory title: Commander, 502d ABW & JBSA

Signature:	R& P. OQ	Date:	16 OCT 24	
-				

(Use blue ink)

Subscribed	l and Sworn (	o before me by the said		
on this	16	day of OCtoper	_, 20 <u>24</u> .	
My commi	ssion expires	on the Title 10 - day of	, 20	

H ANN FLYNN

502 ABW/JA 2080 WILSON WAY FT-SAM HOUSTON TX-78234 County, Texas **[SEAL]** 

# WATER QUALITY PERMIT

# **PAYMENT SUBMITTAL FORM**

#### Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below. •
- Staple the check or money order in the space provided at the bottom of this document. •
- Do Not mail this form with the application form. •
- Do not mail this form to the same address as the application. .
- Do not submit a copy of the application with this form as it could cause duplicate permit • entries.

#### Mail this form and the check or money order to:

BY REGULAR U.S. MAIL	BY OVERNIGHT/EXPRESS MAIL
Texas Commission on Environmental Quality	Texas Commission on Environmental Quality
Financial Administration Division	Financial Administration Division
Cashier's Office, MC-214	Cashier's Office, MC-214
P.O. Box 13088	12100 Park 35 Circle
Austin, Texas 78711-3088	Austin, Texas 78753

#### Fee Code: WOP Waste Permit No: Click to enter text.

- 1. Check or Money Order Number: Click to enter text.
- 2. Check or Money Order Amount: Click to enter text.
- 3. Date of Check or Money Order: Click to enter text.
- 4. Name on Check or Money Order: Click to enter text.
- 5. APPLICATION INFORMATION

Name of Project or Site: Click to enter text.

Physical Address of Project or Site: Click to enter text.

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

### Staple Check or Money Order in This Space

# DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of domestic wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate by checking Yes that each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until the items below have been addressed.

Core Data Form (TCEQ Form No. 10400) (Required for all application types. Must be completed in its entirety a Note: Form may be signed by applicant representative.)	and s	rigned.	$\boxtimes$	Yes
Correct and Current Industrial Wastewater Permit Application Form (TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or late			$\boxtimes$	Yes
Water Quality Permit Payment Submittal Form (Page 19) (Original payment sent to TCEQ Revenue Section. See instructions for	mai	iling ad	⊠ Idress	Yes )
7.5 Minute USGS Quadrangle Topographic Map Attached (Full-size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments)			$\boxtimes$	Yes
Current/Non-Expired, Executed Lease Agreement or Easement	$\boxtimes$	N/A		Yes
Landowners Map (See instructions for landowner requirements)	$\boxtimes$	N/A		Yes

#### Things to Know:

- All the items shown on the map must be labeled.
- The applicant's complete property boundaries must be delineated which includes boundaries of contiguous property owned by the applicant.
- The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility.
- If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.

Landowners Cross Reference List (See instructions for landowner requirements)	$\boxtimes$	N/A		Yes	
Landowners Labels or USB Drive attached (See instructions for landowner requirements)	$\boxtimes$	N/A		Yes	
Original signature per 30 TAC § 305.44 – Blue Ink Preferred (If signature page is not signed by an elected official or principle exect a copy of signature authority/delegation letter must be attached)	rutive	e officer	□ r,	Yes	
Plain Language Summary				Yes	



# **TCEQ Core Data Form**

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

## **SECTION I: General Information**

1. Reason for Submission (If other is checked please describe in space provided.)										
New Permit, Registration or Authorization (Core Data R	New Permit, Registration or Authorization ( <i>Core Data Form should be submitted with the program application.</i> )									
Renewal (Core Data Form should be submitted with the	e renewal form)	L Other								
2. Customer Reference Number (if issued)	Follow this link to search	3. Regulated Entity Reference Number (if issued)								
	for CN or RN numbers in									
CN 600919401	RN 101609311									
	]									

## **SECTION II: Customer Information**

4. General Cu	General Customer Information         5. Effective Date for Customer Information Updates (mm/dd/yyyy)												
	New Customer     Update to Customer Information     Change in Regulated Entity Ownership     Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)												
The Custome	r Name su	bmitted	here may b	be updated	automatical	ly base	ed or	n what is cu	urrent	and active	with th	e Texas Secr	etary of State
(SOS) or Texa	s Comptro	ller of P	ublic Accou	nts (CPA).									
6. Customer	<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John) <u>If new Customer, enter previous Customer below:</u>												
U.S. Departme	U.S. Department of the Air Force												
7. TX SOS/CPA Filing Number 8. TX State Tax II					<b>e Tax ID</b> (11 d	igits)			<b>9. Fe</b>	<b>deral Tax II</b> its)	0	10. DUNS I applicable)	Number (if
11. Type of Customer:     Corporation     Individual     Partners								rship: 🗌 Gen	eral 🗌 Limited				
Government:	City 🗌 C	iounty 🗵	] Federal 🗌	Local 🗌 Sta	te 🗌 Other			Sole Pr	oprieto	orship	🗌 Otl	her:	
12. Number o	of Employe	es							13. Independently Owned and Operated?				
0-20	21-100	] 101-25	50 🗌 251-:	500 🗌 50	1 and higher			🖾 Yes 🗌 No					
14. Customer	<b>r Role</b> (Prop	osed or	Actual) – <i>as it</i>	t relates to th	e Regulated Ei	ntity list	ed o	n this form. I	Please c	check one of	the follo	wing	
⊠Owner □Occupationa	al Licensee		erator esponsible Par		Owner & Opera ] VCP/BSA App					Other:			
15. Mailing	802d CES	/CEIEC											
	2250 Eng	ineer Stre	eet Ste 7 (Bldg	g 4196)									
Address: City JBSA-Fort Sam Houston State TX							ZIP	78234	4		ZIP + 4		
16. Country N	Mailing Inf	ormatio	n (if outside	USA)			17	7. E-Mail Ac	dress	(if applicable	e)		
							ge	rald.johnson	.29@us	s.af.mil			
18. Telephone Number 19. Exter				19. Extensio	on or C	ode	ode 20. Fax Number (if applicable)						

# **SECTION III: Regulated Entity Information**

21. General Regulated Entity Information (If 'New Regulated Entity" is selected, a new permit application is also required.)											
New Regulated Entity Update to Regulated Entity Name Update to Regulated Entity Information											
The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).											
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)											
Camp Bullis Wastewater Treatment Facility											
23. Street Address of											
the Regulated Entity:	the Regulated Entity: No street address on file.										
(No PO Boxes)         City         State         ZIP         ZIP + 4											
24. County	4. County Bexar										

#### If no Street Address is provided, fields 25-28 are required.

25. Description to       Approximately 3.4 miles northeast of the intersection of Interstate Highway 10 and Farm-to-Market Road 1604, approximately 1,000 feet east of Military Highway and 0.5 miles southeast of the headquarters Building at Camp Bullis.												
26. Nearest City State Nearest ZIP Code												
San Antonio TX 78257												
Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).												
27. Latitude (N) In Decima	al:	29.6343048		28. Lo	ongitude (W	/) In Decimal:	-98.5753	3495				
Degrees	Minutes		Seconds	Degre	es	Minutes		Seconds				
29		38	3.5		98		34	31.26				
29. Primary SIC Code30. Secondary SIC Code31. Primary NAICS Code32. Secondary NAICS Code(4 digits)(4 digits)(5 or 6 digits)(5 or 6 digits)							CS Code					
9711												
33. What is the Primary B	Business o	f this entity? (Do	o not repeat the SIC	or NAICS descr	iption.)	·						
Domestic wastewater treatm	ent operat	ion										
	802nd 0	ES/CEIEC										
34. Mailing	2250 En	gineer Street Ste 7 (	(Bldg 4196)									
Address:	Address:     JBSA-Fort Sam Houston     State     TX     ZIP     78234     ZIP + 4											
35. E-Mail Address:	35. E-Mail Address: gerald.johnson.29@us.af.mil											
36. Telephone Number			37. Extension of	Code	38. Fa	ax Number (if app	licable)					
(210)210-4251 ( ) -												

**39. TCEQ Programs and ID Numbers** Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

Dam Safety	Districts	Edwards Aquifer	Emissions Inventory Air	Industrial Hazardous Waste
Municipal Solid Waste	New Source Review Air		Petroleum Storage Tank	D PWS
Sludge	Storm Water	Title V Air		
Voluntary Cleanup	Wastewater	Wastewater Agriculture	Water Rights	Other:

## **SECTION IV: Preparer Information**

40. Name: Victor Velazquez				41. Title:	Project Manager
42. Telephone Number 43. Ext./Code 44. Fa			44. Fax Number	45. E-Mail /	Address
( 805 ) 739-2602			( ) -	victor.velazq	wez@tetratech.com

## **SECTION V: Authorized Signature**

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	U.S Department of the Air Force	Job Title:	ler, 502d A8W	& JBSA	
Name (In Print):	Randy P. Oakland, PhD, Brigadier General, USAF			Phone:	(210) 420- 7502
Signature:	RSP. COL		Date:	16 OCT 24	

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



# DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

For any questions about this form, please contact the Domestic Wastewater Permitting Team at 512-239-4671.

The following information is required for all renewal, new, and amendment applications.

## Section 1. Permitted or Proposed Flows (Instructions Page 43)

### A. Existing/Interim I Phase

Design Flow (MGD): <u>0.160 MGD</u> 2-Hr Peak Flow (MGD): <u>0.0480 MGD</u> Estimated construction start date: <u>Click to enter text.</u> Estimated waste disposal start date: <u>Click to enter text.</u>

### **B.** Interim II Phase

Design Flow (MGD): <u>Click to enter text.</u>

2-Hr Peak Flow (MGD): <u>Click to enter text.</u>

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

## C. Final Phase

Design Flow (MGD): <u>Click to enter text.</u> 2-Hr Peak Flow (MGD): <u>Click to enter text.</u> Estimated construction start date: <u>Click to enter text.</u> Estimated waste disposal start date: <u>Click to enter text.</u>

### **D.** Current Operating Phase

Provide the startup date of the facility: October 2020

## Section 2. Treatment Process (Instructions Page 43)

### A. Current Operating Phase

Provide a detailed description of the treatment process. **Include the type of treatment plant, mode of operation, and all treatment units.** Start with the plant's head works and

finish with the point of discharge. Include all sludge processing and drying units. **If more than one phase exists or is proposed, a description of** *each phase* **must be provided**.

The package plant is designed using the conventional complete mix without nitrification activated sludge process, and will treat 160,000 GPD with three treatment trains, each with a capacity of 80,000 GPD (N+1 redundancy). The raw sewage from the influent, onsite pump station is conveyed to the three treatment trains, each equipped with a manual bar screen box for preliminary treatment. Following coarse screening, the influent is then conveyed to aeration chambers (one per treatment train) for the oxidation of biological material with a maximum aeration loading of40 lb. BOD5 per day per 1,000 cf. The mixed liquor is then conveyed to a mechanical clarifier (one per train) for settling. The clarifier effluent from all three trains is then transferred to a common Parshall flume for flow measurement prior to discharge. Settled sludge from each clarifier is either returned to its corresponding aeration basin for recycling or wasted to its corresponding digester for further treatment prior to being hauled off for disposal. Port of pipe diameter at the discharge point is 8 inches.

#### **B.** Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) **of each treatment unit, accounting for** *all* **phases of operation**.

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Aeration Basin	3	36'L x 12' W x 12-2' HT (10.48' SWD)
Secondary Clarifier	3	18'-6" Ø x 12'-2" HT (9.13' SWD)
Digester	3	16' L x 12' W x 12-2" HT (10.67' SWD)
Parshall Flume	1	3" L x 6" HT (0.91' SWD)

Table 1.0(1) - Treatment Units

#### C. Process Flow Diagram

Provide flow diagrams for the existing facilities and **each** proposed phase of construction. **Attachment**: <u>A2</u>

## Section 3. Site Information and Drawing (Instructions Page 44)

Provide the TPDES discharge outfall latitude and longitude. Enter N/A if not applicable.

- Latitude: <u>NA</u>
- Longitude: NA

Provide the TLAP disposal site latitude and longitude. Enter N/A if not applicable.

- Latitude: 29.6343048
- Longitude: -98.5753495

Provide a site drawing for the facility that shows the following:

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and
- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

#### Attachment: A1

Provide the name **and** a description of the area served by the treatment facility.

Joint Base San Antonio (JBSA) Camp Bullis is located on the edge of the Edwards Plateau Land Resource Area in a hilly region known as the Texas Hill Country, and locally called the Balcones Canyonlands. The WWTP services the cantonment area of JBSA Camp Bullis which includes administrative and maintenance facilities.

Collection System Information **for wastewater TPDES permits only**: Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. **Please see the instructions for a detailed explanation and examples.** 

#### **Collection System Information**

Collection System Name	Owner Name	Owner Type	Population Served
		Choose an item.	

## Section 4. Unbuilt Phases (Instructions Page 45)

Is the application for a renewal of a permit that contains an unbuilt phase or phases?

🗆 Yes 🖾 No

If yes, does the existing permit contain a phase that has not been constructed within five years of being authorized by the TCEQ?

### □ Yes □ No

**If yes**, provide a detailed discussion regarding the continued need for the unbuilt phase. **Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases**.

Click to enter text.		

# Section 5. Closure Plans (Instructions Page 45)

Have any treatment units been taken out of service permanently, or will any units be taken out of service in the next five years?

$\times$	Yes	No

If yes, was a closure plan submitted to the TCEQ?

Yes	$\boxtimes$	No

If yes, provide a brief description of the closure and the date of plan approval.

JBSA Camp Bullis intends to fund a project that will take the package WWTP system, existing storage lagoons and irrigation system out of service permanently. Wastewater flows from the Camp Bullis cantonment area would be pumped to San Antonio Water System (SAWS) for treatment and disposal. This project has not been funded to date and execution is contingent upon funding availability.

## Section 6. Permit Specific Requirements (Instructions Page 45)

For applicants with an existing permit, check the Other Requirements or Special Provisions of the permit.

#### A. Summary transmittal

Have plans and specifications been approved for the existing facilities and each proposed phase?

🖾 Yes 🗆 No

If yes, provide the date(s) of approval for each phase: Click to enter text.

Provide information, including dates, on any actions taken to meet a *requirement or provision* pertaining to the submission of a summary transmittal letter. **Provide a copy of an approval letter from the TCEQ, if applicable**.

Summary Transmittal Letter was submitted to the TCEQ on February 6,2019. The conditional approval from the TCEQ was received on February25, 2019. Permit No. WQ0012080001 was modified by TCEQ on October 13, 2020.

#### **B.** Buffer zones

Have the buffer zone requirements been met?

🖾 Yes 🗆 No

Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.

N/A – not modified as a result of this permit renewal application.

#### C. Other actions required by the current permit

Does the *Other Requirements* or *Special Provisions* section in the existing permit require submission of any other information or other required actions? Examples include Notification of Completion, progress reports, soil monitoring data, etc.

🗆 Yes 🖂 No

**If yes**, provide information below on the status of any actions taken to meet the conditions of an *Other Requirement* or *Special Provision*.

N/A

#### D. Grit and grease treatment

#### 1. Acceptance of grit and grease waste

Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?

🗆 Yes 🖾 No

If No, stop here and continue with Subsection E. Stormwater Management.

#### 2. Grit and grease processing

Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment

works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.

N/A

#### 3. Grit disposal

Does the facility have a Municipal Solid Waste (MSW) registration or permit for grit disposal?

🗆 Yes 🖾 No

**If No**, contact the TCEQ Municipal Solid Waste team at 512-239-2335. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.

N/A

#### 4. Grease and decanted liquid disposal

Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335.

Describe how the decant and grease are treated and disposed of after grit separation.

N/A

#### E. Stormwater management

#### 1. Applicability

Does the facility have a design flow of 1.0 MGD or greater in any phase?

🗆 Yes 🖾 No

Does the facility have an approved pretreatment program, under 40 CFR Part 403?

🗆 Yes 🖾 No

If no to both of the above, then skip to Subsection F, Other Wastes Received.

#### 2. MSGP coverage

Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000?

🗆 Yes 🗵 No

**If yes**, please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received:

TXR05 <u>Click to enter text.</u> or TXRNE <u>Click to enter text.</u>

If no, do you intend to seek coverage under TXR050000?

🗆 Yes 🖂 No

#### 3. Conditional exclusion

Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)?

🗆 Yes 🗆 No

If yes, please explain below then proceed to Subsection F, Other Wastes Received:

N/A			

#### 4. Existing coverage in individual permit

Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit?

🗆 Yes 🗆 No

**If yes**, provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.

N/A

### 5. Zero stormwater discharge

Do you intend to have no discharge of stormwater via use of evaporation or other means?

🗆 Yes 🖾 No

If yes, explain below then skip to Subsection F. Other Wastes Received.

Click to enter text.

Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.

#### 6. Request for coverage in individual permit

Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?

🗆 Yes 🖾 No

**If yes**, provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

N/A

Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application.

#### F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

🗆 Yes 🖾 No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. <u>Click to enter text.</u>

#### G. Other wastes received including sludge from other WWTPs and septic waste

### 1. Acceptance of sludge from other WWTPs

Does or will the facility accept sludge from other treatment plants at the facility site?

🗆 Yes 🖂 No

#### If yes, attach sewage sludge solids management plan. See Example 5 of instructions.

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an

estimate of the BOD<sub>5</sub> concentration of the sludge, and the design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

#### 2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

🗆 Yes 🖾 No

If yes, does the facility have a Type V processing unit?

🗆 Yes 🖾 No

If yes, does the unit have a Municipal Solid Waste permit?

🗆 Yes 🖾 No

If yes to any of the above, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the  $BOD_5$  concentration of the septic waste, and the

design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

3. Acceptance of other wastes (not including septic, grease, grit, or RCRA, CERCLA or as discharged by IUs listed in Worksheet 6)

Is or will the facility accept wastes that are not domestic in nature excluding the categories listed above?

🗆 Yes 🖾 No

**If yes**, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or

other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.

N/A

# Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 50)

Is the facility in operation?

⊠ Yes □ No

If no, this section is not applicable. Proceed to Section 8.

**If yes**, provide effluent analysis data for the listed pollutants. *Wastewater treatment facilities* complete Table 1.0(2). *Water treatment facilities* discharging filter backwash water, complete Table 1.0(3). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

Note: The sample date must be within 1 year of application submission.

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD <sub>5</sub> , mg/l	6.67	24	54	Grab	7/6/23- 7/31/24
Total Suspended Solids, mg/l	6.35	22	54	Grab	7/6/23- 7/31/24
Ammonia Nitrogen, mg/l	N/A	N/A	N/A	N/A	N/A
Nitrate Nitrogen, mg/l	N/A	N/A	N/A	N/A	N/A
Total Kjeldahl Nitrogen, mg/l	N/A	N/A	N/A	N/A	N/A
Sulfate, mg/l	N/A	N/A	N/A	N/A	N/A
Chloride, mg/l	N/A	N/A	N/A	N/A	N/A
Total Phosphorus, mg/l	N/A	N/A	N/A	N/A	N/A
pH, standard units	7.84	8.06	23	Grab	8/1/23- 7/31/24
Dissolved Oxygen*, mg/l	N/A	N/A	N/A	N/A	N/A
Chlorine Residual, mg/l	N/A	N/A	N/A	N/A	N/A
<i>E.coli</i> (CFU/100ml) freshwater	N/A	N/A	N/A	N/A	N/A
Entercocci (CFU/100ml) saltwater	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	N/A	N/A	N/A	N/A	N/A

#### Table1.0(2) – Pollutant Analysis for Wastewater Treatment Facilities

Electrical Conductivity, µmohs/cm, †	N/A	N/A	N/A	N/A	N/A
Oil & Grease, mg/l	N/A	N/A	N/A	N/A	N/A
Alkalinity (CaCO <sub>3</sub> )*, mg/l	N/A	N/A	N/A	N/A	N/A

\*TPDES permits only +TLAP permits only

†TLAP permits only

#### Table1.0(3) – Pollutant Analysis for Water Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity (CaCO <sub>3</sub> ), mg/l					

# Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Colt N. Szczygiel

Facility Operator's License Classification and Level: Wastewater Treatment Operator C

Facility Operator's License Number: <u>WW0048748</u>

# Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 51)

### A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- $\Box \quad \text{Design flow} = 1 \text{ MGD}$
- $\Box \quad \text{Serves} \ge 10,000 \text{ people}$
- Class I Sludge Management Facility (per 40 CFR § 503.9)
- □ Biosolids generator
- Biosolids end user land application (onsite)
- □ Biosolids end user surface disposal (onsite)
- □ Biosolids end user incinerator (onsite)

#### **B. WWTP's Biosolids Treatment Process**

Check all that apply. See instructions for guidance.

- □ Aerobic Digestion
- Air Drying (or sludge drying beds)
- □ Lower Temperature Composting

- □ Lime Stabilization
- □ Higher Temperature Composting
- □ Heat Drying
- □ Thermophilic Aerobic Digestion
- □ Beta Ray Irradiation
- □ Gamma Ray Irradiation
- □ Pasteurization
- □ Preliminary Operation (e.g. grinding, de-gritting, blending)
- Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- □ Sludge Lagoon
- □ Temporary Storage (< 2 years)
- □ Long Term Storage (>= 2 years)
- □ Methane or Biogas Recovery
- □ Other Treatment Process: <u>Click to enter text.</u>

#### C. Biosolids Management

Provide information on the *intended* biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

#### **Biosolids Management**

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): <u>Click to enter text.</u>

### D. Disposal site

Disposal site name: <u>Second Nature Compost LLC</u>

TCEQ permit or registration number: <u>42044</u>

County where disposal site is located: Bexar

#### E. Transportation method

Method of transportation (truck, train, pipe, other): <u>Truck</u>

Name of the hauler: <u>Mudcow Septic, Inc.</u>

Hauler registration number: <u>26025</u>

Sludge is transported as a:

Liquid 🖂 🛛 semi-liquid 🗆	
--------------------------	--

semi-solid 🗆

solid  $\square$ 

## Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 53)

### A. Beneficial use authorization

Does the existing permit include authorization for land application of sewage sludge for beneficial use?

🗆 Yes 🗵 No

**If yes**, are you requesting to continue this authorization to land apply sewage sludge for beneficial use?

🗆 Yes 🗆 No

**If yes**, is the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)** attached to this permit application (see the instructions for details)?

🗆 Yes 🗆 No

#### B. Sludge processing authorization

Does the existing permit include authorization for any of the following sludge processing, storage or disposal options?

Sludge Composting	Yes	$\boxtimes$	No
Marketing and Distribution of sludge	Yes	$\boxtimes$	No
Sludge Surface Disposal or Sludge Monofill	Yes	$\boxtimes$	No
Temporary storage in sludge lagoons	Yes	$\boxtimes$	No

**If yes** to any of the above sludge options and the applicant is requesting to continue this authorization, is the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)** attached to this permit application?

## □ Yes □ No

## Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

🗆 Yes 🖾 No

If yes, complete the remainder of this section. If no, proceed to Section 12.

#### A. Location information

The following maps are required to be submitted as part of the application. For each map, provide the Attachment Number.

- Original General Highway (County) Map: Attachment: <u>Click to enter text.</u>
- USDA Natural Resources Conservation Service Soil Map: Attachment: <u>Click to enter text.</u>
- Federal Emergency Management Map: Attachment: Click to enter text.
- Site map:

Attachment: Click to enter text.

Discuss in a description if any of the following exist within the lagoon area. Check all that apply.

- Overlap a designated 100-year frequency flood plain
- □ Soils with flooding classification
- Overlap an unstable area
- □ Wetlands
- Located less than 60 meters from a fault
- $\Box$  None of the above

## Attachment: Click to enter text.

If a portion of the lagoon(s) is located within the 100-year frequency flood plain, provide the protective measures to be utilized including type and size of protective structures:

Click to enter text.

## B. Temporary storage information

Provide the results for the pollutant screening of sludge lagoons. These results are in addition to pollutant results in *Section 7 of Technical Report 1.0.* 

Nitrate Nitrogen, mg/kg: <u>Click to enter text.</u>

Total Kjeldahl Nitrogen, mg/kg: <u>Click to enter text.</u>

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: <u>Click to enter text.</u>

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: <u>Click to enter text.</u>

pH, standard units: <u>Click to enter text.</u>

Ammonia Nitrogen mg/kg: <u>Click to enter text.</u>

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: <u>Click to enter text.</u> Lead: <u>Click to enter text.</u> Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: <u>Click to enter text.</u>

Provide the following information:

Volume and frequency of sludge to the lagoon(s): <u>Click to enter text.</u>

Total dry tons stored in the lagoons(s) per 365-day period: Click to enter text.

Total dry tons stored in the lagoons(s) over the life of the unit: Click to enter text.

## C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of  $1 \times 10^{-7}$  cm/sec?

🗆 Yes 🗆 No

If yes, describe the liner below. Please note that a liner is required.

Click to enter text.

### D. Site development plan

Provide a detailed description of the methods used to deposit sludge in the lagoon(s):

Click to enter text.

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)
   Attachment: <u>Click to enter text.</u>
- Copy of the closure plan
   Attachment: <u>Click to enter text.</u>
- Copy of deed recordation for the site
   Attachment: <u>Click to enter text.</u>

- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons Attachment: <u>Click to enter text.</u>
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

Attachment: Click to enter text.

• Procedures to prevent the occurrence of nuisance conditions

Attachment: Click to enter text.

#### E. Groundwater monitoring

Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?

🗆 Yes 🗆 No

If groundwater monitoring data are available, provide a copy. Provide a profile of soil types encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.

Attachment: Click to enter text.

### Section 12. Authorizations/Compliance/Enforcement (Instructions Page 55)

#### A. Additional authorizations

Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc?

🗆 Yes 🗵 No

If yes, provide the TCEQ authorization number and description of the authorization:

N/A

#### **B.** Permittee enforcement status

Is the permittee currently under enforcement for this facility?

🗆 Yes 🖾 No

Is the permittee required to meet an implementation schedule for compliance or enforcement?

🗆 Yes 🖂 No

## **If yes** to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:

Click to enter text.

### Section 13. RCRA/CERCLA Wastes (Instructions Page 55)

#### A. RCRA hazardous wastes

Has the facility received in the past three years, does it currently receive, or will it receive RCRA hazardous waste?

🗆 Yes 🖾 No

#### B. Remediation activity wastewater

Has the facility received in the past three years, does it currently receive, or will it receive CERCLA wastewater, RCRA remediation/corrective action wastewater or other remediation activity wastewater?

🗆 Yes 🖾 No

#### C. Details about wastes received

**If yes** to either Subsection A or B above, provide detailed information concerning these wastes with the application.

Attachment: Click to enter text.

#### Section 14. Laboratory Accreditation (Instructions Page 56)

All laboratory tests performed must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification, which includes the following general exemptions from National Environmental Laboratory Accreditation Program (NELAP) certification requirements:

- The laboratory is an in-house laboratory and is:
  - o periodically inspected by the TCEQ; or
  - o located in another state and is accredited or inspected by that state; or
  - o performing work for another company with a unit located in the same site; or
  - performing pro bono work for a governmental agency or charitable organization.
- The laboratory is accredited under federal law.
- The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.
- The laboratory supplies data for which the TCEQ does not offer accreditation.

The applicant should review 30 TAC Chapter 25 for specific requirements.

The following certification statement shall be signed and submitted with every application. See the Signature Page section in the Instructions, for a list of designated representatives who may sign the certification.

#### **CERTIFICATION:**

I certify that all laboratory tests submitted with this application meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

Printed Name: Randy P. Oakland, PhD, Brigadier General, USAF

Title: Commander, 502d ABW & JBSA

Signature: DRP. Date: 16 OCT 24

### DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

The following is required for renewal, new, and amendment permit applications.

### Section 1. Type of Disposal System (Instructions Page 68)

Identify the method of land disposal:

Drip irrigation system

- ☑ Surface application
- ⊠ Irrigation

- Subsurface application
- Subsurface soils absorption
- Subsurface area drip dispersal system
- Evaporation 

  Evapotranspiration beds
- □ Other (describe in detail): <u>Click to enter text.</u>

NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0.

### For existing authorizations, provide Registration Number: 101609311

### Section 2. Land Application Site(s) (Instructions Page 68)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

#### Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Buffalo grass, Curly Mesquite and Texas Winter gras & Non-public access grassland	189.75	0.69	N

## Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 68)

#### Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
3	7	139	317 ft x 350 ft 290 ft x 570 ft 110 ft x 120 ft	12-inch foot thick clay liner overlain by visqueen liner

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

#### Attachment: <u>N/A</u>

### Section 4. Flood and Runoff Protection (Instructions Page 68)

Is the land application site <u>within</u> the 100-year frequency flood level?

🗆 Yes 🖾 No

If yes, describe how the site will be protected from inundation.

Provide the source used to determine the 100-year frequency flood level:

Pape-Dawson Engineers, JBSA Camp Bullis Plans for Construction of Wastewater Treatment Plant in City of San Antonio Bexar County, Texas, Record Drawing As-Built, April 2019.

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

Treated effluent is not to be applied for irrigation during rainfall events or when the ground is frozen or saturated.

### Section 5. Annual Cropping Plan (Instructions Page 68)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. Attachment: N/A - cropping plan not required by current permit

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

### Section 6. Well and Map Information (Instructions Page 69)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: <u>A1</u>

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
N/A	N/A	N/A	N/A	N/A

#### Table 3.0(3) – Water Well Data

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
			Choose an item.	
			Choose an item.	
			Choose an item.	
			Choose an item.	

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: <u>N/A – No water wells within a half mile radius of the disposal site</u>

### Section 7. Groundwater Quality (Instructions Page 69)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: Click to enter text.

Are groundwater monitoring wells available onsite?  $\Box$  Yes  $\Box$  No

Do you plan to i	nstall	ground	water	monitoring	wells or	lysimeters	around	the land
application site?	° 🗆	Yes		No				

If yes, provide the proposed location of the monitoring wells or lysimeters on a site map.

Attachment: Click to enter text.

### Section 8. Soil Map and Soil Analyses (Instructions Page 70)

#### A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: Click to enter text.

#### **B.** Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note:** for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

#### Attachment: <u>A3</u>

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

#### Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number
BrD (Brackett gravelly clay loam, 3 to 12 percent slopes)	0-5 in – gravely clay loam 5-16 in – clay loam 16-60 - bedrock	Well drained	0-08-0.16 in/in 0.08-0.16 in/in 	89
Kr (Krum clay, 1 to 5 percent slopes	0-26 in - clay 26-36 in - clay 36-50 in - clay 50-79 in - clay	Well drained	0.15-0.20 in/in 0.12-0.18 in/in 0.12-0.18 in/in 0.07-0.18 in/in	86
TaB (Eckrant cobbly clay, 1 to 8 percent slopes)	0-4 in - cobbly clay 4-11 in - very cobbly clay 11-80 in - bedrock	Well drained	0.03-0.12 in/in 0.03-0.12 in/in 	89
Tc (Tinn clay, 0 to 1 percent slopes, occasionally flooded	0-28 in - clay 28-60 in - clay 60-80 in - clay	Moderately well drained	0.15-0.20 in 0.13-0.18 in 0.12-0.17 in	89

### Section 9. Effluent Monitoring Data (Instructions Page 71)

Is the facility in operation?

🖾 Yes 🗆 No

If no, this section is not applicable and the worksheet is complete.

**If yes**, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5) -	· Effluent Monitoring	Data
----------------	-----------------------	------

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pН	Chlorine Residual mg/l	Acres irrigated
Aug 2022	0.0430	<2	N/A	8.05	N/A	189.75
Sep 2022	0.0268	3	N/A	8.02	N/A	189.75
Oct 2022	0.0404	2	N/A	7.75	N/A	189.75
Nov 2022	0.0399	2.5	N/A	8.27	N/A	189.75
Dec 2022	0.0577	3.5	N/A	7.70	N/A	189.75
Jan 2023	0.0508	2.5	N/A	7.90	N/A	189.75
Feb 2023	0.0515	4	N/A	8.05	N/A	189.75
Mar 2023	0.0526	4.75	N/A	7.85	N/A	189.75

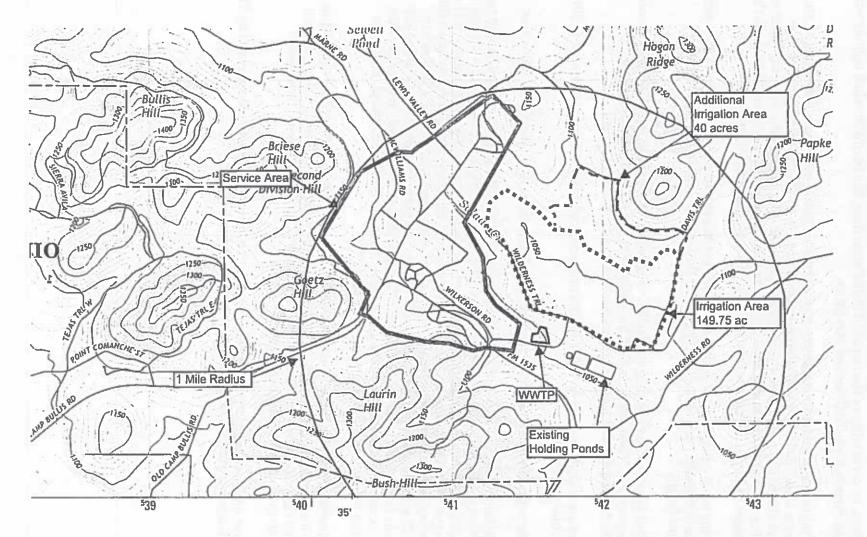
Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	рН	Chlorine Residual mg/l	Acres irrigated
Apr 2023	0.0449	3.5	N/A	8.05	N/A	189.75
May 2023	0.0442	3	N/A	7.00	N/A	189.75
Jun 2023	0.0415	5	N/A	7.75	N/A	189.75
Jul 2023	0.0392	4.5	N/A	7.75	N/A	189.75
Aug 2023	0.0290	4.5	N/A	7.85	N/A	189.75
Sep 2023	0.0354	5.5	N/A	7.75	N/A	189.75
Oct 2023	0.0385	13	N/A	7.95	N/A	189.75
Nov 2023	0.0426	4.6	N/A	8.06	N/A	189.75
Dec 2023	0.0324	5.25	N/A	7.90	N/A	189.75
Jan 2024	0.0887	11.25	N/A	7.52	N/A	189.75
Feb 2024	0.0720	10.75	N/A	7.90	N/A	189.75
Mar 2024	0.0586	5	N/A	7.82	N/A	189.75
Apr 2024	0.0561	7	N/A	7.99	N/A	189.75
May 2024	0.0664	5.75	N/A	7.94	N/A	189.75
Jun 2024	0.0615	4.25	N/A	7.92	N/A	189.75
Jul 2024	0.0631	4.5	N/A	7.74	N/A	189.75

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

N/A

# ATTACHMENT A1

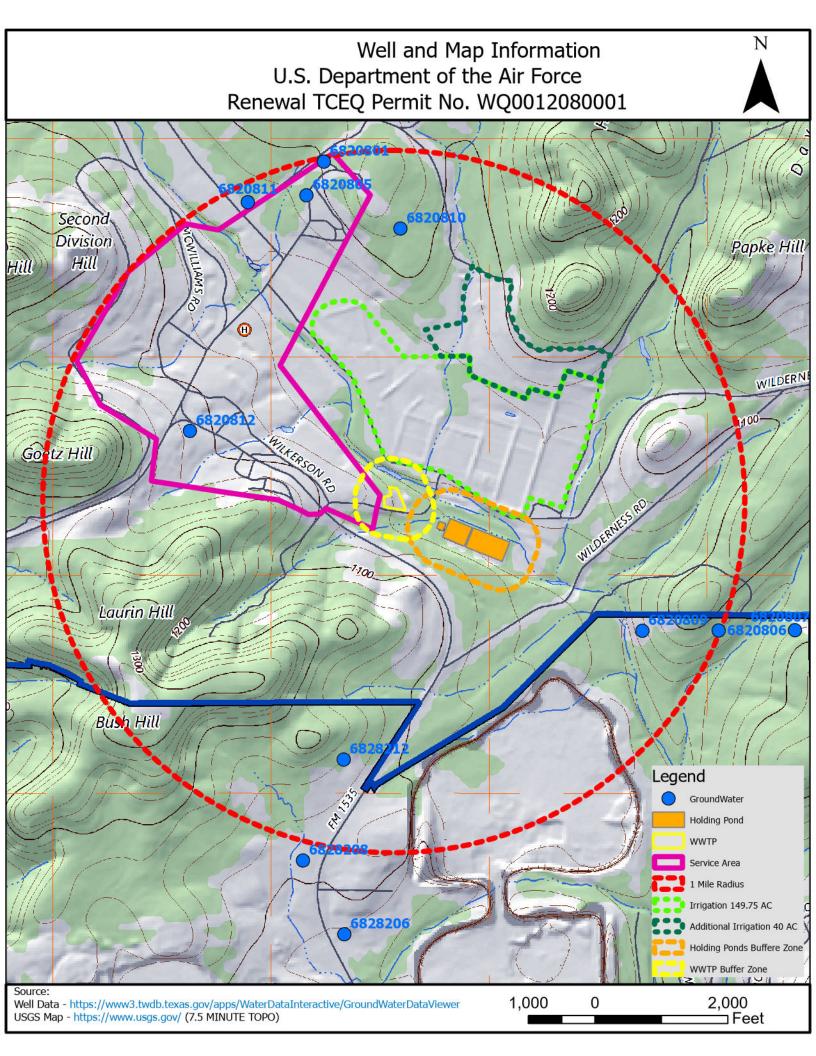
- Original USGS Topographic Map
- Current Topographic Map
- Site Drawing Embedded in Topographic Maps
- Well and Map Information Embedded in Topographic Maps

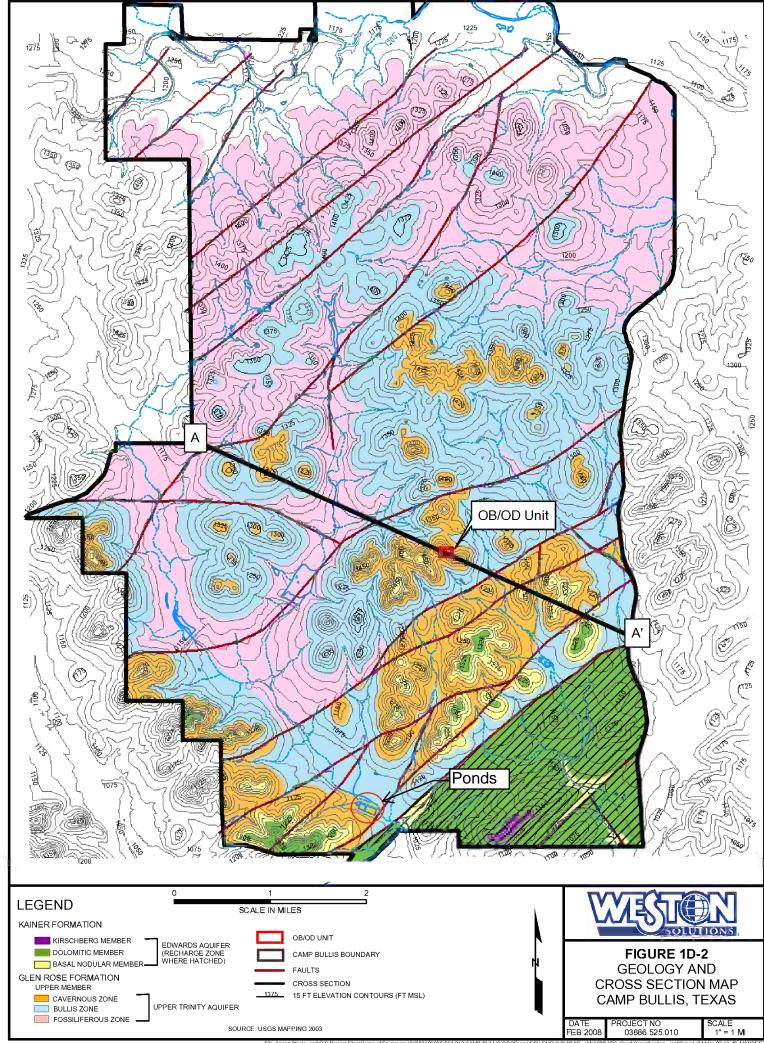


ATTACHMENT A U.S. Department of the Air Force TCEQ Permit No. WQ0012080001

CAMP BULLIS QUADRANGLE 1 inch = 2,000 feet

1 - 102

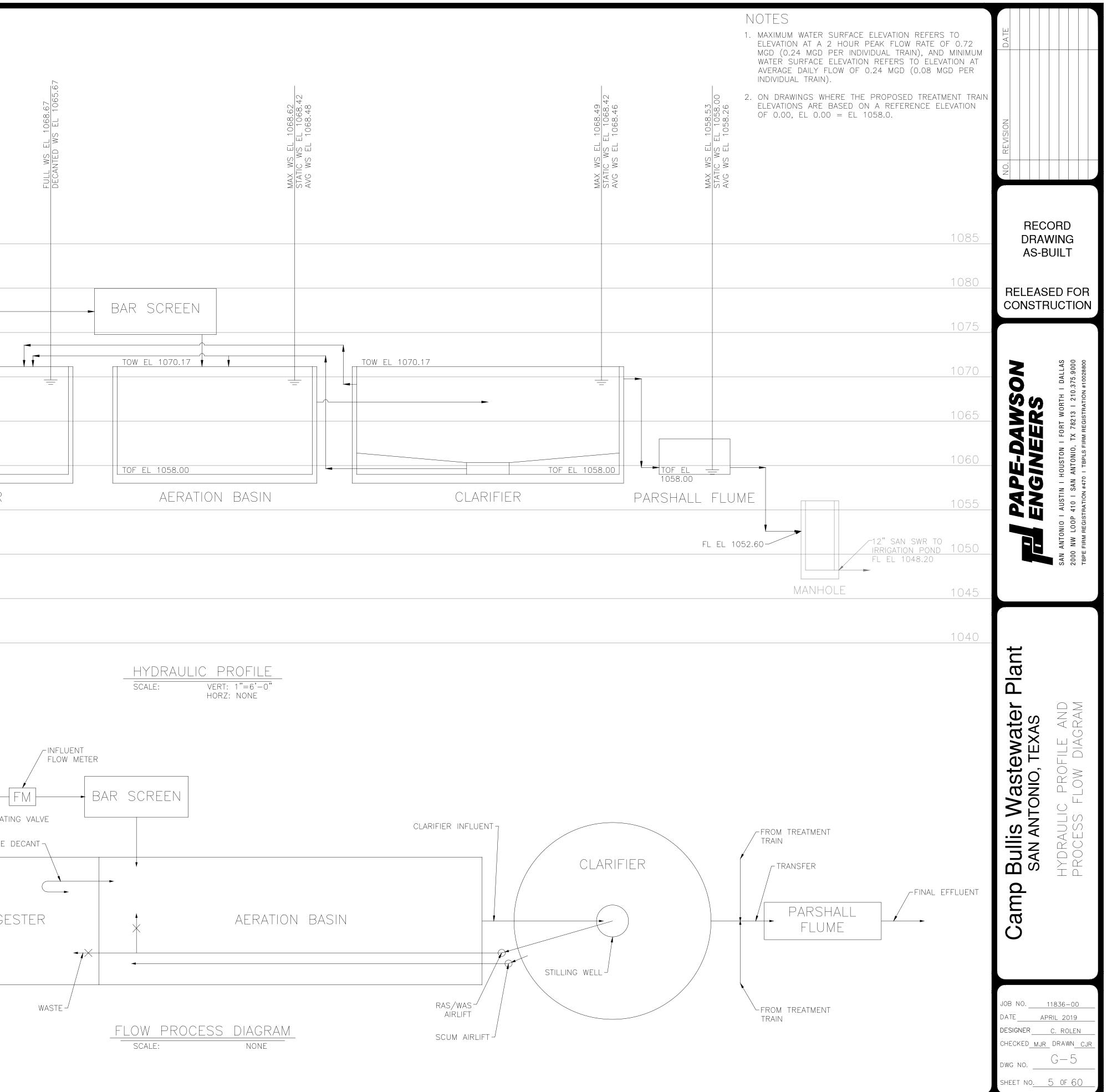


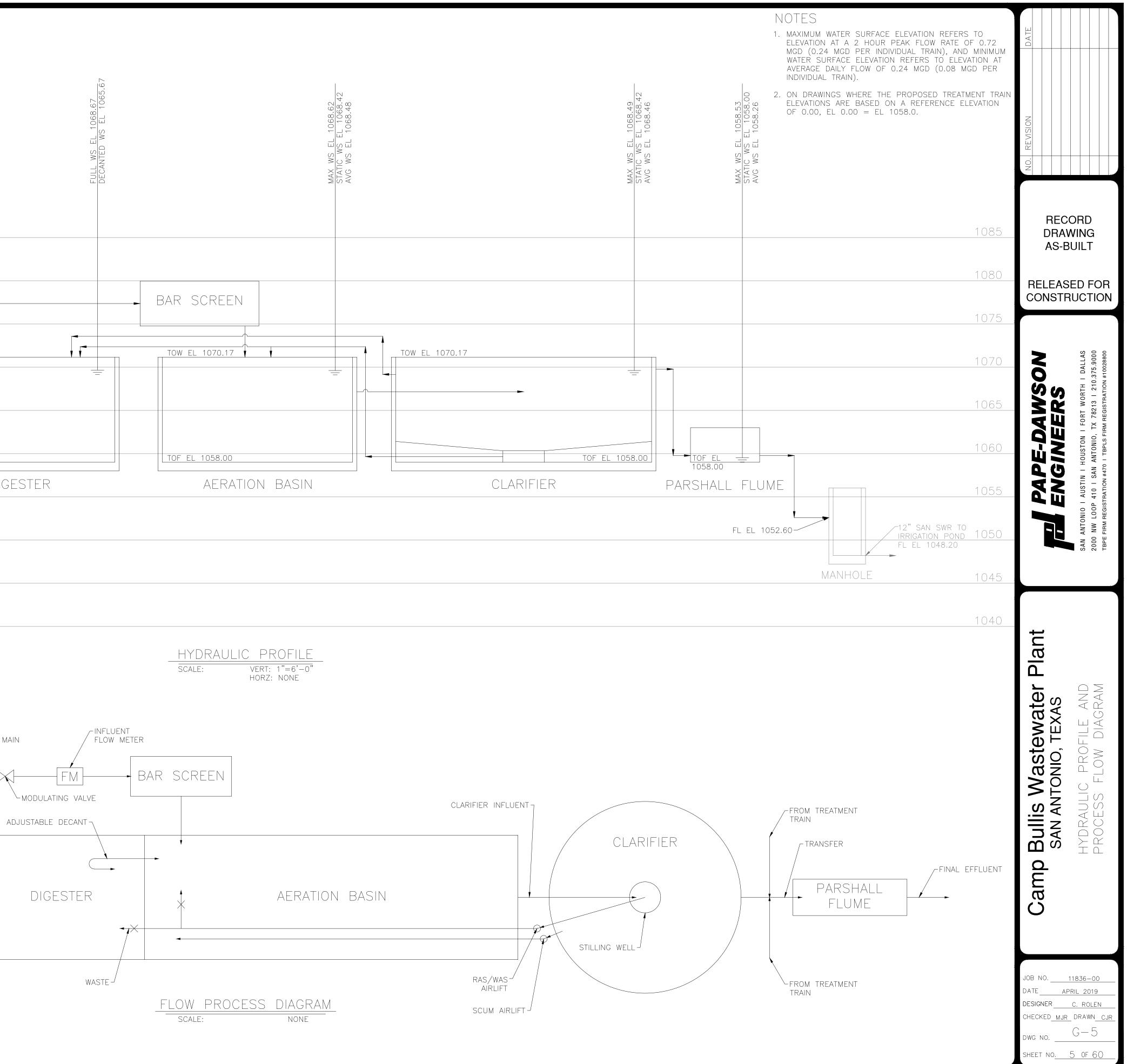


Attachment A1 - Fault Information

# ATTACHMENT A2 Process Flow Diagram

1085 1080 1075 TOW EL 1070.17 1070 1065 1060 TOC EL 1059.00 TOF EL 1058.00 -FL EL 1055.25 DIGESTER 1055 TOP OF WEIR EL 1054.42 \_FL EL / 1050.47 TOC EL 1050.42 1050 HEADWORKS <u>FLEL</u> TOC EL 1046.04 1049.04 1045 ONSITE LIFT STATION 1040 -PLANT INFLUENT -FORCE MAIN ONSITE LIFT HEADWORKS STATION BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INADVERTENTLY ALTERED. RELY ONLY ON FINAL HARDCOPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SEAL.





# ATTACHMENT A3 Effluent Analytical Results



Client Information			Sample Int	formation				Laboratory Information		
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 782	Samp Matr Date/	Project Name: Camp Bullis Sample ID: Final Eff Matrix: Non-Potable Water Date/Time Taken: 07/06/2023 1226					PCS Sample #: 726198 Page 1 of 1 Date/Time Received: 07/06/2023 13:32 Report Date: 07/17/2023 Approved by:			
Test Description BOD5	Result <3	Units mg/L	<b>RL</b> 2		vsis Date 7/2023 09		Meth SM 521		Analyst GTG	
Total Suspended Solids	4	mg/L mg/L	1		7/2023 10		SM 254		PML	
Test Description	Precision	Quality As Limit	surance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank	
BOD5 Total Suspended Solids	15 <1	23 10	N/A N/A	N/A	N/A	N/A N/A	172	167 - 228		
Quality Statement: All supporting quality data add exceptions or in a case narrative attachment. Repo							ts of NEL	AC unless otherw	ise noted as flagged	
				All data is RL = Rep		on an 'As Ì its	Is' basis ur	e sample tested. hless designated as g/L	'Dry Wt'.	
/ww.pcslab.net			1532 Universa		0				Main: 210-34 Fax: 210-65	



Client Information	Client Information S							Laboratory Information			
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, S JBSA - Fort Sam Hous	Sampl Matrix	Project Name: Camp Bullis Sample ID: Final Eff Matrix: Non-Potable Water Date/Time Taken: 07/12/2023 1317					PCS Sample #: 726984 Page 1 of 1 Date/Time Received: 07/12/2023 14:28 Report Date: 07/19/2023 Approved by:				
<b>Test Description</b> oH BOD5 Total Suspended Solids		<b>esult</b> 7.8 5 4	Units S.U. mg/L mg/L	<b>RL</b> N/A 2 1	07/12 07/12	vsis Date 2/2023 1 2/2023 1 3/2023 1	5:22 5:22	Meth SM 450 SM 521 SM 254	0-H+ B 0 B	Analyst GTG GTG PML	
<b>Test Description</b> pH BOD5 Total Suspended Solids	Pr	recision N/A 15 <1	Quality As Limit N/A 23 10	surance Sum LCL N/A N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A N/A	<b>LCS</b> 172	<b>LCS Limit</b> 167 - 228	Blank	
Quality Statement: All supporting exceptions or in a case narrative of Informational purposes only - pH or	attachment. Reports with	h full qual	lity data de		are abailab These anal All data is RL = Repo	le on requi lytical resu reported o	ults relate on an 'As l	only to the s' basis ur	e sample tested. Iless designated as		agged
ww.pcslab.net 1uck@pcslab.net	This report cannot		Univ		X 78148-331						Main: 210-340- Fax: 210-658-



Client Information			Sample Inf	ormation			Laboratory Information			
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7823	Samp Matri Date/	le ID: Fi ix: Non-l	Camp B inal Eff Potable V ken: 07/2	Vater	230	PCS Sample #: 728055 Page 1 of 1 Date/Time Received: 07/20/2023 13:37 Report Date: 07/25/2023 Approved by: Chuck Wallgren, President				
Test Description	Result	Units	RL		sis Date		Meth		Analyst GTG	
BOD5 Total Suspended Solids	4 10	mg/L mg/L	2 1		0/2023 1: 0/2023 10		SM 521 SM 254		PML	
Test Description	Precision	Quality As Limit	ssurance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank	
BOD5 Fotal Suspended Solids	6 <1	23 10	N/A N/A	N/A	N/A	N/A N/A	170	167 - 228		
Quality Statement: All supporting quality data adher	and to data au	ality object	tives and ta	st rasults m	page the re	quiraman	ts of NFI	AC unless other	wise noted as flavoed	
<i>Quality Statement: All supporting quality data dated</i> exceptions or in a case narrative attachment. Report.	s with full qu	ality data de	eliverables	are abailab	le on requ	uest.		e sample tested.	wise noted as pragged	
		All data is reported on an 'As Is' basis unless designated as 'Dry Wt'. RL = Reporting Limits QC Data Reported in %, Except BOD in mg/L						as 'Dry Wt'.		
ww.pcslab.net		]	1532 Universa	al City Blvd	_					n: 210-340



Client Information	Sample Infor	mation	Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX '	Project Name: Camp Bu Sample ID: Final Eff Matrix: Non-Potable Wa Date/Time Taken: 07/26	ater	PCS Sample #: 728573 Page 1 of 1 Date/Time Received: 07/26/2023 14:14 Report Date: 07/31/2023 Approved by:				
Test Description BOD5 Total Suspended Solids	ResultUnitsRL<3mg/L22mg/L1	Analysis Date/Time 07/26/2023 14:39 07/26/2023 16:30	MethodAnalySM 5210 BGTCSM 2540 DPML	Ĵ			
Test Description BOD5 Total Suspended Solids	Quality Assurance SummPrecisionLimit1923210N/A	<mark>ary MS MSD UCL</mark> N/A N/A N/A N/A	179 167 - 228	k			
Quality Statement: All supporting quality data exceptions or in a case narrative attachment.	Reports with full quality data deliverables and	These analytical results related on an 'As		as flagged			
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Client Information			Sample Inf	formation			Laboratory Information			
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, 7		Project Name Sample ID: F Matrix: Non- Date/Time Ta	'inal Efflu Potable V	ent Vater	12	PCS Sample #: 729542 Page 1 of 1 Date/Time Received: 08/03/2023 13:47 Report Date: 08/10/2023 Approved by:				
Test Description	Resu		RL	Analysi			Metho		Analys	
BOD5 Total Suspended Solids	<	0	2 1		2023 10 2023 10		SM 5210 SM 2540		GTG PML	
Test Description	Prec	ision Limit	ssurance Sum LCL	MS N	MSD	UCL	LCS	LCS Limit	Blank	
30D5 Fotal Suspended Solids		15 23 5 10	N/A N/A	N/A	N/A	N/A N/A	169	167 - 228		
Quality Statement: All supporting quality exceptions or in a case narrative attachme				are abailable These analyt All data is re RL = Report	on reque ical resul ported or ing Limit	est. Its relate on an 'As I ts	only to the s' basis un	e sample tested. less designated		flagged
ww.pcslab.net nuck@pcslab.net		OC Data Reported in %, Except BOD in mg/L 1532 Universal City Blvd Universal City, TX 78148-3318 act be reproduced or dualizated excent in full, without prior written consent from Pollution Control Services								Main: 210-340- Fax: 210-658-'



Client Information			Sample In	formation				Laboratory Information			
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri Date/	ct Name: le ID: Fi x: Non-I Fime Tal	inal Efflu Potable V	ient Vater	317		PCS Sample #: 730250 Page 1 of 1 Date/Time Received: 08/09/2023 14:00 Report Date: 08/16/2023 Approved by:				
Test Description	Result	Units	RL		vsis Date		Metho SM 521		Analyst GTG		
Total Suspended Solids	8	- 0					SM 254	PML			
Test Description	Precision	Quality As Limit	surance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank		
BOD5 Fotal Suspended Solids	<1 5	23 10	N/A N/A	N/A	N/A	N/A N/A	173	167 - 228			
Quality Statement: All supporting quality data adhered exceptions or in a case narrative attachment. Reports w	d to data qua with full qua	ality object lity data de	ives and te eliverables	st results r are abaila	neet the re ble on requ	quiremen uest.	ts of NEL	AC unless otherw	ise noted as flagged		
							ate only to the sample tested. As Is' basis unless designated as 'Dry Wt'. cept BOD in mg/L				
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Client Information			Sample In	formation	a.a 19			Laboratory	Information		
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7823	Samp Matr Date/	Project Name: Camp Bullis Sample ID: Final Effluent Matrix: Non-Potable Water Date/Time Taken: 08/17/2023 1234						PCS Sample #: 731315 Page 1 of 1 Date/Time Received: 08/17/2023 13:19 Report Date: 08/22/2023 Approved by:			
Test Description	Result	Units	RL	Analysis			Meth		Analyst		
BOD5 Total Suspended Solids	4 2	mg/L mg/L	2 1	08/17/20 08/18/20			SM 521 SM 254		GTG GQM		
Test Description	Precision	Quality As Limit	surance Sum LCL	mary MS N	1SD	UCL	LCS	LCS Limit	Blank		
30D5 Fotal Suspended Solids	<1 2	23 10	N/A N/A		N/A	N/A N/A	189	167 - 228			
Quality Statement: All supporting quality data adhero exceptions or in a case narrative attachment. Reports	ed to data qu with full qua	ality objectu litv data de	ives and tes	st results meet are abailable o	the req	uirement est.	ts of NEL	AC unless otherw	ise noted as fl	agged	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			These analytic	s' basis un	e sample tested. lless designated as z/L	'Dry Wt'.				
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Client Information		Sample Information	Laboratory Information			
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 782	Project Name: Sample ID: Fin Matrix: Non-P Date/Time Tak	nal Effluent	PCS Sample #: 731793 Page 1 of 1 Date/Time Received: 08/23/2023 12:46 Report Date: 08/29/2023 Approved by:			
Test Description BOD5 Total Suspended Solids	ResultUnits<3mg/L4mg/L	RLAnalysis Date/Tim208/23/2023 14:26108/23/2023 15:55	e Method Analyst SM 5210 B GTG SM 2540 D GQM			
Test Description BOD5 Total Suspended Solids	Ouality Ass<123210	urance Summary <u>LCL MS MSD UC</u> N/A N/A N/A N/ N/A N/A				
Quality Statement: All supporting quality data adha exceptions or in a case narrative attachment. Repor	ered to data quality objectiv ts with full quality data del	ves and test results meet the requiren liverables are abailable on request.	ments of NELAC unless otherwise noted as flagged			
		These analytical results rel	ate only to the sample tested. As Is' basis unless designated as 'Dry Wt'. <i>Papt BOD in mg/L</i>			
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Client Information			Sample Inf	formation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7	San Ma Dat	ject Name: 1ple ID: F trix: Non- e/Time Ta	inal Efflu Potable V	ent Vater	PCS Sample #: 732522 Page 1 of 1 Date/Time Received: 08/30/2023 11:56 Report Date: 09/05/2023 Approved by:						
<b>Test Description</b> 30D5 Fotal Suspended Solids	<b>Result</b> <3 3	Units mg/L mg/L	<b>RL</b> 2 1	08/30	sis Date 0/2023 14 0/2023 16	4:48	<b>Meth</b> SM 521 SM 254	0 B	Analyst GTG GQM		
<b>Test Description</b> BOD5 Total Suspended Solids	<b>Precisio</b> 11 <1	Ouality As n Limit 23 10	ssurance Sum LCL N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A	LCS 181	<b>LCS Limit</b> 167 - 228	Blank		
Quality Statement: All supporting quality data a exceptions or in a case narrative attachment. Re	adhered to data d eports with full q	uality object uality data da	tives and tes eliverables d	are abailaba	<i>le on requ</i> ytical resu reported co orting Lim	ults relate o on an 'As I its	only to the s' basis un	e sample tested. lless designated as			
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Client Information	Sample	Information	Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX	78234 Project Name: Camp Sample ID: Final Eff Matrix: Non-Potable Date/Time Taken: 09	Water	PCS Sample #: 733354 Page 1 of 1 Date/Time Received: 09/07/2023 12:25 Report Date: 09/13/2023 Approved by:				
Test Description BOD5	ResultUnitsRL<3mg/L23mg/L1	Analysis Date/Time 09/08/2023 11:12 09/08/2023 12:30	SM 5210 B G	<b>alvst</b> TG QM			
Test Description	Quality Assurance S Precision Limit LCL	MS MSD UCL	LCS LCS Limit Bla	ınk			
BOD5 Total Suspended Solids	8 23 N/A 4 10 N/A						
Quality Statement: All supporting quality dat exceptions or in a case narrative attachment.	a adhered to data quality objectives and Reports with full quality data deliverable	test results meet the requireme es are abailable on request.	nts of NELAC unless otherwise note	d as flagged			
		These analytical results relate All data is reported on an 'As RL = Reporting Limits QC Data Reported in %, Excep	s Is' basis unless designated as 'Dry Wt	ť.			
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Client Information				Sample Int	formation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX	78234	Samp Matri	ct Name: le ID: Fi x: Non-J Fime Tal	inal Efflu Potable V	lent Vater	037		PCS Sample #: 735259 Page 1 of 1 Date/Time Received: 09/21/2023 13:02 Report Date: 09/27/2023 Approved by:				
Test Description	Re	sult	Units	RL		vsis Date		Meth SM 521		Analyst GTG		
BOD5 Fotal Suspended Solids		6 4			SM 521 SM 254		PML					
Test Description	Pro	ecision		surance Sum LCL		MSD	UCL	LCS	LCS Limit	Blank		
30D5 Fotal Suspended Solids		15 <1	23 10	N/A N/A	N/A	N/A	N/A N/A	184	167 - 228			
Quality Statements All supporting quality d	nta adlearad to	data au	ulity object	ives and te	st rosults n	1001 the re	auiromon	ts of NFI	AC unless otherw	vise noted as fl	10021	
		to data quality objectives and test results meet the requirements of NELAC us th full quality data deliverables are abailable on request. These analytical results relate only to the samp All data is reported on an 'As Is' basis unless of							e sample tested.			
		RL = Reporting Limits QC Data Reported in %, Except BOD in mg/L							z/L			
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Client Information			Sample Int	formation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78	Samp Matr Date/	ct Name: le ID: Fi ix: Non-H Time Tak	nal Efflu Potable V	ent	10		PCS Sample #: 735954 Page 1 of 1 Date/Time Received: 09/28/2023 11:55 Report Date: 10/04/2023 Approved by:				
<b>Fest Description</b>	Result	Units	RL	Analys			Meth		Analyst		
BOD5 Total Suspended Solids	5 4	mg/L mg/L	2 1		/2023 14 /2023 11		SM 521 SM 254		GTG GQM		
Test Description	Precision		surance Sum LCL		MSD	UCL	<b>LCS</b> 197	<b>LCS Limit</b> 167 - 228	Blank		
BOD5 Fotal Suspended Solids	*27 6	23 10	N/A N/A	N/A	N/A	N/A N/A	197	10/ - 228			
Quality Statement: All supporting quality data ad exceptions or in a case narrative attachment. Rep	hered to data qu orts with full qud	ality objecti Ility data de	ives and tex liverables	st results me	et the requee on requ	uirement est.	ts of NEL	AC unless otherw.	ise noted as flagged		
Approved for release per QA Plan, Exception to Limits -	oved for release per QA Plan, Exception to Limits - QAM Section 13-4						These analytical results relate only to the sam All data is reported on an 'As Is' basis unless RL = Reporting Limits QC Data Reported in %, Except BOD in mg/L				
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Client Information			Sample Int	formation			tory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 782	Samp Matr Date	ect Name: ble ID: Fi ix: Non-] /Time Tal	inal Efflu Potable V	ient Vater	212		PCS Sample #: 736605 Page 1 of 1 Date/Time Received: 10/04/2023 13:08 Report Date: 10/10/2023 Approved by:				
Test Description BOD5 Total Suspended Solids	Result 8 7	Units mg/L mg/L	<b>RL</b> 2 1	10/04	sis Date 4/2023 1: 4/2023 10	5:31	<b>Meth</b> SM 521 SM 254	0 B	Analyst GTG GQM		
<b>Test Description</b> BOD5 Total Suspended Solids	Precision <1 5	Quality As Limit 23 10	ssurance Sum LCL N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A	LCS 183	<b>LCS Limi</b> 167 - 228	Blank		
Quality Statement: All supporting quality data adh exceptions or in a case narrative attachment. Repo	ered to data qu rts with full qu	ality object ality data da	ives and te eliverables	<i>are abailab</i> These ana All data is RL = Repo	lytical resu reported of	ults relate on an 'As I its	only to the s' basis ur	e sample tested. Iless designated		Jagged	
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Client Information				Sample In:	formation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX	78234	Samp Matri	ct Name: le ID: Fi x: Non-I Fime Tal	nal Eff Potable V	Vater	.130		PCS Sample #: 737778 Page 1 of 1 Date/Time Received: 10/12/2023 13:08 Report Date: 10/18/2023 Approved by:				
Test Description BOD5		<b>sult</b> <3	Units mg/L	<b>RL</b> 2		v <b>sis Date</b> 2/2023 14		Meth SM 521		Analyst GTG	t	
Total Suspended Solids		5	mg/L	1		2/2023 1		SM 254		GQM		
Test Description	Pro	ecision	Quality Ass Limit	surance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limi	t Blank		
BOD5 Total Suspended Solids		15 <1	23 10	N/A N/A	N/A	N/A	N/A N/A	175	167 - 228			
Quality Statement: All supporting quality da exceptions or in a case narrative attachment.								ts of NEL	AC unless oth	erwise noted as f	lagged	
		These analytical results relate only to the sar All data is reported on an 'As Is' basis unless RL = Reporting Limits QC Data Reported in %, Except BOD in mg/L							less designated		Ð	
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Client Information			Sample Inf	ormation			Laboratory	Information	
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX	Sam Mat Date	ect Name: ple ID: Fi rix: Non-] /Time Tal	inal Efflu Potable V	ent	PCS Sample #: 738441 Page 1 of 1 Date/Time Received: 10/18/2023 13:48 Report Date: 10/24/2023 Approved by:				
Test Description BOD5 Total Suspended Solids	Result 7 6	Units mg/L mg/L	<b>RL</b> 2 1	Analysis Da 10/18/2023 10/19/2023	15:28	<u>Meth</u> SM 521 SM 254	0 B	Analyst GTG GQM	- 2 -
Test Description BOD5 Total Suspended Solids	<b>Precision</b> *30 8	Quality As Limit 23 10	ssurance Sum LCL N/A N/A	<mark>mary</mark> MS MSI N/A N/A		198	LCS Limit 167 - 228	Blank	
Quality Statement: All supporting quality d	ata adhered to data q	uality object	tives and tes	st results meet the	requiremen	nts of NEL	AC unless otherw	vise noted as flagg	ned
exceptions or in a case narrative attachment	eliverables	are abailable on r	equest. results relate ed on an 'As Limits	e sample tested. nless designated as					
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Client Information		Sample Information						Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX	Sa M D	Project Name: Camp Bullis Sample ID: Final Effluent Matrix: Non-Potable Water Date/Time Taken: 10/25/2023 1236						PCS Sample #: 739213 Page 1 of 1 Date/Time Received: 10/25/2023 13:36 Report Date: 10/31/2023 Approved by:				
Test Description		<b>Units</b> mg/L mg/L	<b>RL</b> 2 1	Analysis Date/Time 10/25/2023 15:50 10/25/2023 16:30			<b>Meth</b> SM 521 SM 254	0 B	Analyst GTG GQM			
<b>Test Description</b> BOD5 Total Suspended Solids	Precis 2 6	23	ssurance Sum LCL N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A	<b>LCS</b> 202	<b>LCS Limi</b> 167 - 228	t Blank			
Quality Statement: All supporting quality dat exceptions or in a case narrative attachment.				are abailab These ana All data is RL = Rep	le on required on require on require on require on the second sec	ults relate on an 'As l	only to the s' basis ur	e sample tested less designated		agged		
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Client Information			Sample In	formation		Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri	le ID: Fi ix: Non-l	Camp H inal Efflu Potable V ken: 11/(	ient Vater	305	PCS Sample #: 739803 Page 1 of 1 Date/Time Received: 11/01/2023 14:10 Report Date: 11/07/2023 Approved by:				
Test Description F BOD5 Total Suspended Solids	Result 4 2	Units mg/L mg/L	<b>RL</b> 2 1	Analysis Date/Time 11/01/2023 15:21 11/01/2023 16:50			<b>Methe</b> SM 5210 SM 2540	0 B	Analyst GTG GQM	
Test Description F BOD5 Total Suspended Solids	Precision 9 2	Quality As Limit 23 10	ssurance Sum LCL N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A	LCS 186	<b>LCS Limit</b> 167 - 228	Blank	
Quality Statement: All supporting quality data adhered exceptions or in a case narrative attachment. Reports w	to data qu ith full qua	ality object ality data da	ives and te eliverables	are abailal These ana All data is RL = Rep	ble on requ	ults relate on an 'As nits	only to the Is' basis ur	e sample tested. nless designated as		đ
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Client Information		Sample Information Project Name: Camp Bullis Sample ID: Final Eff Matrix: Non-Potable Water Date/Time Taken: 11/9/2023 0855						Laboratory Information         PCS Sample #: 740848 Page 1 of 1         Date/Time Received: 11/9/2023 11:07         Report Date: 11/16/2023         Approved by:         Muth Wallgren, President				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri Date/											
	Result				ysis Date		Meth		Analyst			
BOD5 Total Suspended Solids	6 4	mg/L mg/L	3	11/10/2023 10:19 11/10/2023 11:30			SM 521 SM 254		GTG GQM			
Test Description	Precision *24	Quality As Limit 23	surance Sum LCL N/A	mary MS N/A	MSD N/A	UCL N/A	<b>LCS</b> 188	<b>LCS Limit</b> 167 - 228	Blank			
Total Suspended Solids	<1	10	N/A			N/A						
Quality Statement: All supporting quality data adherea exceptions or in a case narrative attachment. Reports w	ith full qua	ility data de	ives and tes eliverables o	are abaila	ble on requ	uest.			ise noted as flagged			
Approved for release per QA Plan, Exception to Limits - QAM	Section 13-4			All data i RL = Rep	Ilytical resu s reported o oorting Lim <i>Reported in</i>	on an 'As its	Is' basis ur	e sample tested. nless designated as g/L	'Dry Wt'.			
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### **Report of Sample Analysis**

Client Information			Sample In	formation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri Date/	le ID: Fi x: Non-J	Potable V		240	PCS Sample #: 741316 Page 1 of 1 Date/Time Received: 11/14/2023 13:45 Report Date: 11/20/2023 Approved by:					
Test Description 1 BOD5 Total Suspended Solids	Result 4 2	Units mg/L mg/L	<b>RL</b> 3 1	Analysis Date/Time 11/14/2023 15:23 11/14/2023 15:35			Meth SM 521 SM 254	0 B	Analyst GTG GQM		
Test Description I BOD5 Total Suspended Solids	Precision 8 4	Quality As Limit 23 10	surance Sum LCL N/A N/A	MS MS N/A	MSD N/A	UCL N/A N/A	<b>LCS</b> 176	LCS Limit 167 - 228	Blank		
Quality Statement: All supporting quality data adhered exceptions or in a case narrative attachment. Reports w				are abailat These ana All data is RL = Rep	ble on required on reported of	ults relate on an 'As l nits	only to the Is' basis ur	e sample tested. lless designated as		agged	
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Client Information	Sample Information						Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Sampl Matri	le ID: Fi x: Non-I	Camp B nal Effluc Potable W ken: 11/2	ent Vater	929		PCS Sample #: 741977 Page 1 of 1 Date/Time Received: 11/20/2023 10:37 Report Date: 11/27/2023 Approved by:				
Test Description Re BOD5 Total Suspended Solids	esult 6 2	Units mg/L mg/L	<b>RL</b> 3 1	Analysis Date/Time 11/20/2023 10:58 11/20/2023 11:40			Metho SM 521 SM 254	0 B	Analyst GTG GQM		
Test Description       P         BOD5       Total Suspended Solids	recision 11 1	Quality As Limit 23 10	ssurance Sumi LCL N/A N/A	nary MS N/A	MSD N/A	UCL N/A N/A	<b>LCS</b> 205	<b>LCS Limit</b> 167 - 228	Blank		
Quality Statement: All supporting quality data adhered exceptions or in a case narrative attachment. Reports wi	to data qu ith full quo	ality object ality data d	tives and tes	These an All data i	alvtical res	ults relate on an 'As	only to th Is' basis u	e sample tested. nless designated as		ged	
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Client Information	12 Jacques	Sample Information Project Name: Camp Bullis Sample ID: Final Effluent Matrix: Non-Potable Water Date/Time Taken: 11/29/2023 1308					Laboratory Information         PCS Sample #: 742884 Page 1 of 1         Date/Time Received: 11/29/2023 13:50         Report Date: 12/06/2023         Approved by:         Approved by:         Approved by:			
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX										
<b>Fest Description</b> BOD5 Total Suspended Solids		lt Units 3 mg/L 2 mg/L	<b>RL</b> 3 1	11/2	9/2023 1 9/2023 1	5:00	<u>Meth</u> SM 521 SM 254	0 B	Analyst GTG GQM	
<b>Fest Description</b> BOD5 Total Suspended Solids	Prec	Quality AisionLimit323410	Assurance Sum LCL N/A N/A	<b>mary</b> MS N/A	MSD N/A	UCL N/A N/A	LCS 178	<b>LCS Limit</b> 167 - 228	Blank	
Quality Statement: All supporting quality da exceptions or in a case narrative attachment.				<i>are abailab</i> These ana All data is RL = Repo	le on requi	ults relate on an 'As I its	only to the s' basis un	e sample tested. less designated as		ged
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#### **Report of Sample Analysis**

Client Information		Sample Information							Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 782	234	Samp Matri	le ID: Fi ix: Non-l	Camp B inal Efflu Potable V ken: 12/0	ent Vater	221		PCS Sample #: 743948 Page 1 of 1 Date/Time Received: 12/06/2023 13:34 Report Date: 12/13/2023 Approved by:					
<b>Test Description</b> BOD5 Total Suspended Solids		e <mark>sult</mark> 4 18	Units mg/L mg/L	<b>RL</b> 3 1	12/0	<b>ysis Date</b> 7/2023 1 7/2023 1	1:18	<u>Meth</u> SM 521 SM 254	0 B	GT	Analyst GTG GQM		
<b>Test Description</b> BOD5 Total Suspended Solids	Pro	ecision <1 7	Quality As Limit 23 10	ssurance Sumi LCL N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A	<b>LCS</b> 190	<b>LCS Lin</b> 167 - 228		k		
Quality Statement: All supporting quality data add exceptions or in a case narrative attachment. Repo					These ana All data i RL = Rep	ble on requ	ults relate on an 'As uits	only to the Is' basis ur	e sample teste less designat		as flagged		
ww.pcslab.net huck@pcslab.net			Uni	1532 Universa versal City, T	X 78148-33				ontrol Services		Main: 210-340 Fax: 210-658		

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Client Information	Sar	ple Information	Laboratory Information						
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 782	Project Name: Ca Sample ID: Final Matrix: Non-Pota Date/Time Taken:	Eff ble Water	PCS Sample #: 744794 Page 1 of 1 Date/Time Received: 12/13/2023 13:45 Report Date: 12/20/2023 Approved by:						
Test Description	Result Units R								
BOD5 Total Suspended Solids	9 mg/L 3 8 mg/L 1	12/13/2023 14:58 12/13/2023 16:25	SM 5210 B GTG SM 2540 D PML						
Test Description		<u>CL MS MSD UC</u>							
BOD5 Fotal Suspended Solids		i/A N/A N/A N/ i/A N/							
Quality Statement: All supporting quality data adhe			ents of NELAC unless otherwise noted as flagged						
exceptions or in a case narrative attachment. Repor	rts with full quality data deliver	ith full quality data deliverables are abailable on request.         These analytical results relate only to the sample teste         All data is reported on an 'As Is' basis unless designate         RL = Reporting Limits         QC Data Reported in %, Except BOD in mg/L							
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Client Information		Sample Information	La	Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 782	Project Name: Sample ID: Fin Matrix: Non-Po Date/Time Take	al Eff	PCS Sample # Date/Time Re Report Date:	ceived: 12/18/2023 13:13				
Fest Description BOD5	Result Units 4 mg/L	RL         Analysis Date/1           3         12/19/2023         12:		Analyst GTG				
Fotal Suspended Solids	6 mg/L	1 12/19/2023 12: 1 12/18/2023 15:		GQM				
<b>Test Description</b> BOD5 Total Suspended Solids	PrecisionQuality Assu Limit2123<1	rrance Summary <u>LCL MS MSD</u> N/A N/A N/A N/A	UCL LCS LCS L N/A 194 167 - 2 N/A					
Quality Statement: All supporting quality data adhe exceptions or in a case narrative attachment. Repor	ered to data quality objectiv rts with full quality data deli	es and test results meet the require iverables are abailable on reque	uirements of NELAC unless st.	s otherwise noted as flagged				
		These analytical result All data is reported on RL = Reporting Limits QC Data Reported in %	rs relate only to the sample to an 'As Is' basis unless desig s 6, <i>Except BOD in mg/L</i>	ested. nated as 'Dry Wt'.				
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Client Information		Sample Information						Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Sampl Matrix	le ID: Fi x: Non-I	Potable V		244	PCS Sample #: 745858 Page 1 of 1 Date/Time Received: 12/26/2023 13:31 Report Date: 01/02/2024 Approved by:Chuck Wallgren, President						
Test Description R	Result	Units	RL		sis Date		Metho SM 521		Analyst GTG			
BOD5 Total Suspended Solids	4 11	mg/L mg/L	3 1	3 12/26/2023 15:29 1 12/26/2023 17:00				0 D	PML			
Test Deserviption	recision *32	Quality As Limit 23	surance Sum LCL N/A	MS N/A	MSD N/A	UCL N/A	<b>LCS</b> 202	LCS Limit	Blank			
BOD5 Total Suspended Solids	6	10	N/A		2	N/A						
Quality Statement: All supporting quality data adhered exceptions or in a case narrative attachment. Reports w	ith full qua	lify data de	ives and te eliverables	are aballa	ole on requ	uesi.			vise noted as flagged			
*Approved for release per QA Plan, Exception to Limits - QAM	Section 13-4			All data is RL = Rep	lytical resume reported of orting Lim Reported in	on an 'As aits	Is' basis u	e sample tested. nless designated a g/L	s 'Dry Wt'.			
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## **Report of Sample Analysis**

Client Information		Sample Information						Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78	8234	Project Name: Camp Bullis Sample ID: Final Effluent Matrix: Non-Potable Water Date/Time Taken: 1/3/2024 1220							PCS Sample #: 746469 Page 1 of 1 Date/Time Received: 1/3/2024 13:08 Report Date: 1/11/2024 Approved by:			
<b>Fest Description</b> BOD5 Total Suspended Solids	Res	sult 9 10	Units mg/L mg/L	<b>RL</b> 3 1	1/3/	ysis Date 2024 14:3 2024 17:0	38	<b>Meth</b> SM 521 SM 254	0 B	Analyst GTG GQM		
<b>Fest Description</b> BOD5 Total Suspended Solids	Pre	s 5 6	Quality As Limit 23 10	surance Sumi LCL N/A N/A	nary MS N/A	MSD N/A	UCL N/A N/A	LCS 202	LCS Limit 167 - 228	Blank		
Quality Statement: All supporting quality data a exceptions or in a case narrative attachment. Re					These and All data i RL = Rep	ble on requality	ults relate on an 'As	only to the Is' basis ur	e sample tested. 1less designated as		ıgged	
ww.pcslab.net nuck@pcslab.net				1532 Universa versal City, T	l City Blvd		, LACEPI				Main: 210-340-( Fax: 210-658-'	

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Client Information		Sample Information Project Name: Camp Bullis Sample ID: Final Eff Matrix: Non-Potable Water Date/Time Taken: 1/10/2024 1227					Laboratory Information         PCS Sample #: 747370 Page 1 of 1         Date/Time Received: 1/10/2024 13:59         Report Date: 1/16/2024         Approved by:			
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7823	Samp Matri Date/									
Test Description BOD5	Result 15	Units mg/L	<b>RL</b> 3		ysis Date /2024 15:		Meth SM 521		Analyst GTG	
Total Suspended Solids	17	mg/L	1		/2024 16:		SM 254		GQM	
Test Description	Precision	Quality As Limit	surance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank	
BOD5 Total Suspended Solids	4 <1	23 10	N/A N/A	N/A	N/A	N/A N/A	201	167 - 228		
Quality Statement: All supporting quality data adhe exceptions or in a case narrative attachment. Repor	ered to data qu	ality object	ives and tes	st results n are abaila	neet the rea	quiremen vest.	ts of NEL	AC unless otherw	ise noted as flagged	
exceptions or in a case narrative attachment. Repor	із жин јин ций	uny unu ut		These and All data i RL = Rep	alytical resu	ults relate on an 'As iits	Is' basis ur	e sample tested. hless designated as	'Dry Wt'.	
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Client Information			Sample Int	formation			Laboratory	Information
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri Date/	ct Name: de ID: Fi ix: Non-d Time Tal	inal Eff Potable V		PCS Sample #: 747960 Page 1 of 1 Date/Time Received: 1/17/2024 13:47 Report Date: 1/23/2024 Approved by:			
Test Description	Result 6	Units	<b>RL</b> 3	Analysis Dat		Metho SM 5210		Analyst GTG
Total Suspended Solids	5	mg/L mg/L	1			SM 3210 SM 2540		GQM
Test DescriptionIBOD5Total Suspended Solids	Precision 5 <1	Quality As Limit 23 10	surance Sum LCL N/A N/A	mary MS MSD N/A N/A	UCL N/A N/A	LCS 181	<b>LCS Limit</b> 167 - 228	Blank
		10	11/2 \$		14/2 \$			
Quality Statement: All supporting quality data adherea exceptions or in a case narrative attachment. Reports w					uest.			ise noted as flagged
				All data is reported RL = Reporting Lin QC Data Reported i	on an 'As nits	Is' basis un	less designated as	'Dry Wt'.
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Client Information		Sample I	nformation		Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 782	Sample I Matrix: Date/Tin	Name: Camp ID: Final Eff Non-Potable ne Taken: 1/2	Water		PCS S Date/ Report	: 1/23/2024 13:58			
Test Description		nits RL	Analysis Date/		Meth		Analyst		
BOD5 Total Suspended Solids		ng/L 3 ng/L 1	1/23/2024 14: 1/23/2024 16:				GTG GQM		
Test Description	Precision L	uality Assurance Sur imit LCL		UCL	LCS	LCS Limit	Blank		
BOD5 Fotal Suspended Solids		23 N/A 10 N/A	N/A N/A	N/A N/A	182	167 - 228			
Quality Statement: All supporting quality data adhe	ered to data quality	objectives and to	est results meet the req	quiremen	ts of NEL	AC unless otherwi	ise noted as flagged		
exceptions or in a case narrative attachment. Repor	is with full quality	uata aetiverables	These analytical resu All data is reported o RL = Reporting Limi QC Data Reported in S	lts relate on an 'As its	Is' basis ur	less designated as	'Dry Wt'.		
ww.pcslab.net		1532 Univers	sal City Blvd TX 78148-3318			Main: 210-340 Fax: 210-655			



Client Information		Sample Information					Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri Date/	Project Name: Camp Bullis Sample ID: Final Effluent Matrix: Non-Potable Water Date/Time Taken: 2/1/2024 1335						PCS Sample #: 749727 Page 1 of 1 Date/Time Received: 2/1/2024 14:13 Report Date: 2/9/2024 Approved by:			
Test Description	Result	Units	RL		vsis Date		Meth		Analyst JAS		
BOD5 Total Suspended Solids	5 12	mg/L mg/L	3 1		2024 09:1 2024 12:0		511102		GQM		
Test Description	Precision	Quality As Limit	ssurance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank		
BOD5 Total Suspended Solids	5 4	23 10	N/A N/A	N/A	N/A	N/A N/A	178	167 - 228			
Quality Statement: All supporting quality data adhere exceptions or in a case narrative attachment. Reports	ed to data qui	ality object	ives and te	st results n	neet the real	quiremen	ts of NEL	AC unless othe	rwise noted as flagged		
exceptions or in a case narrative attachment. Reports	wan jun qua	These analytical results relate o						s Is' basis unless designated as 'Dry Wt'.			
www.pcslab.net									Main: 210- Fax: 210-		



Client Information		Sample Information					Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri Date/	Project Name: Camp Bullis Sample ID: Final Effluent Matrix: Non-Potable Water Date/Time Taken: 2/1/2024 1335						PCS Sample #: 749727 Page 1 of 1 Date/Time Received: 2/1/2024 14:13 Report Date: 2/9/2024 Approved by:			
Test Description	Result	Units	RL		vsis Date		Meth		Analyst JAS		
BOD5 Total Suspended Solids	5 12	mg/L mg/L	3 1		2024 09:1 2024 12:0		511102		GQM		
Test Description	Precision	Quality As Limit	ssurance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank		
BOD5 Total Suspended Solids	5 4	23 10	N/A N/A	N/A	N/A	N/A N/A	178	167 - 228			
Quality Statement: All supporting quality data adhere exceptions or in a case narrative attachment. Reports	ed to data qui	ality object	ives and te	st results n	neet the real	quiremen	ts of NEL	AC unless othe	rwise noted as flagged		
exceptions or in a case narrative attachment. Reports	wan jun qua	These analytical results relate o						s Is' basis unless designated as 'Dry Wt'.			
www.pcslab.net									Main: 210- Fax: 210-		



Client Information		Sample Information						Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7823	Samp Matri Date/	Project Name: Camp Bullis Sample ID: Final Effluent Matrix: Non-Potable Water Date/Time Taken: 2/6/2024 1310					PCS Sample #: 750223 Page 1 of 1 Date/Time Received: 2/6/2024 14:03 Report Date: 2/12/2024 Approved by:					
Test Description	Result	Units	<b>RL</b> 3		ysis Date 2024 16:1		Metho SM 521		Analyst GTG			
BOD5 Total Suspended Solids	11 16	mg/L mg/L	1		2024 16:1		SM 2540 D		GQM			
Test Description	Precision	Quality As Limit	ssurance Sum LCL	<sup>mary</sup> MS	MSD	UCL	LCS	LCS Limit	Blank			
BOD5 Total Suspended Solids	1 <1	23 10	N/A N/A	N/A	N/A	N/A N/A	179	167 - 228				
Quality Statement: All supporting quality data adher	ed to data qu	ality object	tives and te	st results i	neet the rea	quiremen	ots of NEL	AC unless otherw	vise noted as flagged			
exceptions or in a case narrative attachment. Reports	with full qua	uny aata a	enverables	These and All data i RL = Rep	alytical resu s reported of porting Lim Reported in	ults relate on an 'As iits	Is' basis ur	s 'Dry Wt'.				
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Client Information			Sample Inf	formation		-	Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 73	Sam Mati Date	ect Name: ple ID: Fi rix: Non-] /Time Tal	inal Efflu Potable V	lent Vater	56		PCS Sample #: 751416 Page 1 of 1 Date/Time Received: 2/15/2024 12:20 Report Date: 2/20/2024 Approved by:				
Test Description BOD5 Total Suspended Solids	<b>Result</b> 3 4	Units mg/L mg/L	<b>RL</b> 3 1	2/15/	v <mark>sis Date</mark> /2024 13: /2024 14:	:47	<b>Meth</b> SM 521 SM 254	0 B	Analyst GTG GQM		
Test Description BOD5 Total Suspended Solids	Precision 19 2	Quality As Limit 23 10	ssurance Sum LCL N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A	LCS 188	<b>LCS Limit</b> 167 - 228	Blank		
Quality Statement: All supporting quality data a exceptions or in a case narrative attachment. Re	dhered to data q ports with full qu	uality object ality data da	ives and te eliverables	are abailat These ana All data is RL = Rep	ble on requi	ults relate on an 'As I its	only to the s' basis ur	e sample tested. lless designated		lagged	
ww.pcslab.net		al City Blvd	0					Main: 210-340 Fax: 210-658			



Client Information			Sample Inf	ormation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 782	Sampl Matri Date/J	et Name: le ID: Fir x: Non-P Fime Tak	nal Efflu otable V	ent Vater	32		PCS Sample #: 751783 Page 1 of 1 Date/Time Received: 2/20/2024 13:55 Report Date: 2/26/2024 Approved by:Chuck Wallgren, President				
Test Description BOD5 Total Suspended Solids	<b>Result</b> <3 3	Units mg/L mg/L	<b>RL</b> 3 1	2/20/	v <mark>sis Date</mark> /2024 15: /2024 11:	:16	Metho SM 521 SM 254	0 B	Analyst GTG GQM		
<b>Test Description</b> BOD5 Total Suspended Solids	Precision 10 <1	Quality Ass Limit 23 10	urance Sum LCL N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A	LCS 204	<b>LCS Limit</b> 167 - 228	Blank		
Quality Statement: All supporting quality data addexceptions or in a case narrative attachment. Repo	hered to data qua prts with full qua	ality objecti ility data de	ves and te liverables	st results n are abailai	neet the rea ble on requ	quiremen uest.	ts of NEL	AC unless otherw	vise noted as flagged		
							te only to the sample tested. As Is' basis unless designated as 'Dry Wt'. <i>Ppt BOD in mg/L</i>				
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## **Report of Sample Analysis**

Client Information				Sample Inf	ormation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX	78234	Samp Matri	le ID: Fi x: Non-l	Camp E inal Efflu Potable V ken: 2/28	ent Vater	241		PCS Sample #: 752704 Page 1 of 1 Date/Time Received: 2/28/2024 14:28 Report Date: 3/5/2024 Approved by:				
Test Description		sult	Units	RL		vsis Date		Meth		Analys GTG	t	
BOD5 Total Suspended Solids		24 18	mg/L mg/L	3 1	2/28/2024 15:11 2/29/2024 12:25			SM 5210 B SM 2540 D		GQM		
Test Description BOD5	Pre	ecision	Quality As Limit 23	surance Sum LCL N/A	mary MS N/A	MSD N/A	UCL N/A	<b>LCS</b> 228	LCS Limi	it Blank		
Total Suspended Solids		3	10	N/A					107 - 220			
Quality Statement: All supporting quality dat exceptions or in a case narrative attachment.					a <i>re abaila</i> These ana	ble on requ	uest.	only to the	e sample tested	1.	flagged	
			RL = Rep QC Data	s reported of porting Lim <i>Reported in</i>		iless designate	d as 'Dry Wt'.					
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Client Information	Sample Information						Laboratory Information					
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Project Name: Camp Bullis Sample ID: Final Effluent Matrix: Non-Potable Water Date/Time Taken: 3/7/2024 1258				PCS S Date/ Report	l: 3/7/2024 13:59						
Fest Description R BOD5	Result 6	Units mg/L	RL 3		nalysis Date/Time 3/7/2024 15:51		Meth SM 521		Analyst GTG			
Fotal Suspended Solids	7	mg/L	1	3/7/2024 16:15			SM 254	0 D	GQM			
	recision		surance Sumr LCL		MSD	UCL	LCS	LCS Limit	Blank			
30D5 Fotal Suspended Solids	<1 2	23 10	N/A N/A	N/A	N/A	N/A N/A	196	167 - 228				
Quality Statement: All supporting quality data adhered exceptions or in a case narrative attachment. Reports w							ts of NEL	AC unless otherw	vise noted as flagged			
				These ana All data is RL = Rep	lytical resu reported o orting Limi	lts relate on an 'As its	relate only to the sample tested. n 'As Is' basis unless designated as 'Dry Wt'. Except BOD in mg/L					
ww.pcslab.net nuck@pcslab.net This report canno	1532 Universa Universal City, T This report cannot be reproduced or duplicated, except in f				8 rior written c	onsent from	1 Pollution C	ontrol Services.	Main: 210-340-0 Fax: 210-658-7			



Client Information			Sample Inf	ormation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 8250 Engineer Street, Suite 7 1BSA - Fort Sam Houston, TX 782	Samp Matri Date/	le ID: Fi ix: Non-l	Camp B inal Efflu Potable V ken: 3/13	ent		Date Repo	PCS Sample #: 754429 Page 1 of 1 Date/Time Received: 3/13/2024 13:23 Report Date: 3/19/2024 Approved by:				
Test Description BOD5 Fotal Suspended Solids	<b>Result</b> <3 3	Units mg/L mg/L	<b>RL</b> 3 1	Analysis I 3/13/2024 3/13/2024	15:21	e Met SM 52 SM 25	10 B	Analyst GTG GQM			
<b>Fest Description</b> BOD5 Total Suspended Solids	Precision <1 6	Quality As Limit 23 10	surance Sum LCL N/A N/A	<mark>mary</mark> MS MS N/A N/	A N	CL LCS /A 188 /A		t Blank			
Quality Statement: All supporting quality data adh						nents of NE	LAC unless othe	erwise noted as flagged			
exceptions or in a case narrative attachment. Repo	,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,				ted on an '. Limits	As Is' basis i	he sample tested. unless designated				



Client Information		Sample Information						Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX		Project Name: Camp Bullis Sample ID: Final Effluent Matrix: Non-Potable Water Date/Time Taken: 3/19/2024 1314						PCS Sample #: 754996 Page 1 of Date/Time Received: 3/19/2024 14:0 Report Date: 3/26/2024 Approved by:				
Test Description BOD5 Total Suspended Solids		<u>ult</u> 5 6	Units mg/L mg/L	<b>RL</b> 3 1	3/19	y <mark>sis Date</mark> /2024 153 /2024 163	:41	<b>Meth</b> SM 521 SM 254	0 B	Analyst GTG GQM		
Test Description BOD5 Total Suspended Solids	Pre	<b>cision</b> 14 1	Quality Ass Limit 23 10	surance Sum LCL N/A N/A	Mary MS N/A	MSD N/A	UCL N/A N/A	LCS 175	<b>LCS Limit</b> 167 - 228	Blank		
	t: All supporting quality data adhered to data case narrative attachment. Reports with full				are abaila These ana All data is RL = Rep	ble on requi	ults relate on an 'As l its	only to the s' basis un	e sample tested. Iless designated as			
ww.pcslab.net		1532 Universal								Main: 210		

Client Information		Sample Information			Laboratory Information
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78	Date/Time Ta		1032	Date/Time	e #: 756033 Page 1 of 1 Received: 03/28/2024 11:16 e: 04/02/2024
Test Description	Result Units		ysis Date/Tin		Analyst
BOD5 Total Suspended Solids	4 mg/L 4 mg/L		28/2024 14:12 28/2024 14:40	SM 5210 B SM 2540 D	GTG GQM
Test Description	Quality A Precision Limit	ssurance Summary LCL MS	MSD U	CL LCS LCS	S Limit Blank
BOD5 Total Suspended Solids	<1 23 2 10	N/A N/A N/A		N/A 193 167 N/A	- 228
Quality Statement: All supporting quality data a	dhered to data avality object	tives and test results	meet the require	ments of NELAC un	less otherwise noted as flagged
exceptions or in a case narrative attachment. Re		eliverables are abaila	ble on request.	late only to the sampl	
		All data i RL = Re	is reported on an porting Limits	'As Is' basis unless de	
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Client Information				Sample In	formation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7	78234	Project Name: Camp Bullis Sample ID: Final Effluent Matrix: Non-Potable Water Date/Time Taken: 4/9/2024 1241						Date/	Time Receive rt Date: 4/17	nple #: 757301 Page 1 of 1 ne Received: 4/9/2024 14:03 Date: 4/17/2024 y:		
Test Description BOD5	Re	sult 8	Units mg/L	<b>RL</b> 3		ysis Date 0/2024 0		Meth SM 521		Analyst GTG		
Total Suspended Solids		6 mg/L l 04/10/2024 09:30 S					SM 254		GQM			
Test Description	Pro	ecision		surance Sum LCL		MSD	UCL			Blank		
BOD5 Fotal Suspended Solids		6 2	23 10	N/A N/A	N/A	N/A	N/A N/A	191	167 - 228			
Quality Statement: All supporting quality data exceptions or in a case narrative attachment. R								ts of NEL	AC unless other	wise noted as f	lagged	
	1	- <u></u>			These and All data i RL = Rep	Ilytical resu reported o orting Lim <i>Reported in</i>	ults relate on an 'As l its	ls' basis ur				
ww.pcslab.net				532 Universa	•						Main: 210-340	



Client Information			Sample Int	formation		Laboratory Information					
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7823	Samp Matr Date/	ct Name: de ID: Fi ix: Non-J Time Tal	inal Efflu Potable V	lent Vater	59	PCS Sample #: 758914 Page 1 of 1 Date/Time Received: 4/23/2024 13:55 Report Date: 4/30/2024 Approved by:					
Test Description	Result	Units	RL		sis Date		Meth		Analyst		
BOD5 Total Suspended Solids	6 4	mg/L mg/L	3 1		4/2024 10 4/2024 1		SM 521 SM 254		GTG GQM		
Test Description	Precision	Quality As Limit	surance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank		
BOD5 Fotal Suspended Solids	1 4	23 10	N/A N/A	N/A	N/A	N/A N/A	169	167 - 228			
Quality Statement: All supporting quality data adher exceptions or in a case narrative attachment. Reports							ents of NELAC unless otherwise noted as flagged				
ж			These ana All data is RL = Rep	lytical resu reported o orting Lim	e only to the sample tested. s Is' basis unless designated as 'Dry Wt'. pt BOD in mg/L						
/ww.pcslab.net	1532 Univers								Main: 210-340		



Client Information		-	Sample Int	formation		1.000	Laboratory	aboratory Information			
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri Date/	ct Name: le ID: Fi x: Non-I Fime Tak	nal Efflu Potable V	ient Vater	8		PCS Sample #: 759833 Page 1 of 1 Date/Time Received: 5/2/2024 13:47 Report Date: 5/9/2024 Approved by:				
	Result	Units	RL		sis Date		Meth		Analyst		
BOD5 Total Suspended Solids	6 16	mg/L mg/L	3 1	05/02/2024 05/02/2024			SM 521 SM 254		GTG GQM		
Test Description	Precision	Quality As Limit	surance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank		
BOD5 Fotal Suspended Solids	4 3	23 10	N/A N/A	N/A	N/A	N/A N/A	181	167 - 228			
Quality Statement: All supporting quality data adhered	d to data qu	ality objecti	ives and te	st results n	neet the rea	quiremen	ts of NEL	AC unless otherwa	ise noted as flagged		
exceptions or in a case narrative attachment. Reports	tlachment. Reports with full quality data deliverab					ults relate on an 'As inits	only to the Is' basis ur BOD in mg				
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Client Information			Sample Info	ormation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78	Sampl Matrix Date/T	t Name: e ID: Fin x: Non-Pe Time Take	al Efflu otable W	ent			PCS Sample #: 760643 Page 1 of 1 Date/Time Received: 5/9/2024 13:12 Report Date: 5/15/2024 Approved by:				
<b>Test Description</b> BOD5 Fotal Suspended Solids	<b>Result</b> <3 3	Units mg/L mg/L	<b>RL</b> 3 1	Analysis Date/Time 05/09/2024 14:36 05/09/2024 14:45			Metho SM 521 SM 254	0 B	Analyst GTG GQM		
<b>Test Description</b> BOD5 Total Suspended Solids	Precision <1 3	Quality Assu Limit 23 10	Irance Sumr LCL N/A N/A		MSD N/A	UCL N/A N/A	LCS 186	<b>LCS Limit</b> 167 - 228	Blank		
Quality Statement: All supporting quality data a xceptions or in a case narrative attachment. Re			iverables a	are available	e on requ	est.			vise noted as flag	ged	
		These analyt All data is re RL = Report QC Data Rep	eported o ting Limi	on an 'As I its	s' basis un	e sample tested. aless designated as g/L	s 'Dry Wt'.				



#### **Report of Sample Analysis**

Client Information			Sample Int	formation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7	S N D	roject Name ample ID: F Iatrix: Non- Date/Time Ta	`inal Efflu Potable V	ient Vater	59	14	PCS Sample #: 761461 Page 1 of 1 Date/Time Received: 5/16/2024 13:48 Report Date: 5/22/2024 Approved by:				
<b>Fest Description</b> BOD5 Total Suspended Solids	<b>Resul</b> 5 3		<b>RL</b> 3 1	05/16	sis Date. 5/2024 14 5/2024 10	4:35	Metho SM 5210 SM 2540	0 B	Analyst GTG GQM		
<b>Test Description</b> BOD5 Total Suspended Solids	<b>Preci</b>	<u>sion Limit</u>	ssurance Sum LCL N/A N/A	MS N/A	MSD N/A	UCL N/A N/A	<b>LCS</b> 204	<b>LCS Limit</b> 167 - 228	Blank		
Quality Statement: All supporting quality data exceptions or in a case narrative attachment. R	adhered to da eports with fu	ta quality objec Il quality data a	tives and te leliverables	are availab These ana All data is RL = Repo	<i>le on requ</i> lytical resu reported o	ults relate on an 'As l its	only to the s' basis un	e sample tested. Iless designated as		gged	
ww.pcslab.net huck@pcslab.net		Ur	1532 Universa hiversal City, 7		8				Main: 210-340- Fax: 210-658-		

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Client Information			Sample Inf	ormation				Laboratory	Information	Sec. 1
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri Date/	le ID: Fi x: Non-I	Camp B nal Eff Potable V ken: 5/23	Vater	44		PCS S Date/7 Repor	l of 1 12:33 Ulfreen n, President		
Test Description	Result	Units mg/L	RL 3		vsis Date 3/2024 1:		Meth SM 521		Analyst GTG	
Total Suspended Solids	4	mg/L	1		4/2024 10		SM 254	0 D	PML	
Test Description	Precision	Quality As Limit	surance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank	
BOD5 Total Suspended Solids	13 3	23 10	N/A N/A	N/A	N/A	N/A N/A	196	167 - 228		
Quality Statement: All supporting quality data adhered	d to data au	ality object	ives and te	st results r	neet the re	auiremen	ts of NEL	AC unless otherw	ise noted as fla	gged
exceptions or in a case narrative attachment. Reports v	vith full qua	ality data da	eliverables	are availa These ana All data i RL = Rep	ble on required the second s	ults relate on an 'As nits	only to the Is' basis ur	e sample tested. hless designated as		55°"
www.pcslab.net			1532 Universa iversal City, T	·	18					Main: 210-340-0 Fax: 210-658-7



Client Information			Sample In	formation			Laboratory Information			
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7823	Samj Matr Date	ect Name: ple ID: Fi ix: Non-J /Time Tal	inal Efflu Potable V	ient Water	02		PCS Sample #: 762619 Page 1 of 1 Date/Time Received: 5/29/2024 12:52 Report Date: 6/4/2024 Approved by:			
Test Description	Result	Units	RL		sis Date		Meth		Analyst	
BOD5 Total Suspended Solids	5 4	mg/L mg/L	3 1		9/2024 10 9/2024 10		SM 521 SM 254		GQM PML	
Test Description	Precision	Quality As Limit	ssurance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank	
BOD5 Total Suspended Solids	<1 <1	23 10	N/A N/A	N/A	N/A	N/A N/A	186	167 - 228		
Quality Statement: All supporting quality data adher exceptions or in a case narrative attachment. Reports							ts of NEL	AC unless otherw	vise noted as flagged	
	, min jun qu			These ana All data is RL = Rep	lytical resu	ults relate on an 'As l its	ls' basis ur	e sample tested. nless designated a: g/L	s 'Dry Wt'.	
cslab.net 1532 Universal City Blvd Universal City TX 78148-3318								210-340- 210-658-		



Client Information			Sample In	formation	152		Laboratory Information			
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7823	Samp Matri Date/	ct Name: de ID: Fi ix: Non-J Time Tal	inal Efflu Potable V	lent	4		PCS Sample #: 763571 Page 1 of 1 Date/Time Received: 6/6/2024 13:06 Report Date: 6/11/2024 Approved by:			
Test Description BOD5 Total Suspended Solids	Result 4 6	Units mg/L mg/L	<b>RL</b> 3 1	06/06	<b>sis Date</b> 5/2024 10 5/2024 10	6:41	Meth SM 521 SM 254	0 B	<b>Analyst</b> GQM PML	
<b>Test Description</b> BOD5 Total Suspended Solids	Precision <1 <1	Quality As Limit 23 10	surance Sum LCL N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A	LCS 181	<b>LCS Limit</b> 167 - 228	Blank	
Quality Statement: All supporting quality data adhe exceptions or in a case narrative attachment. Report	red to data qu ts with full qua	ality objecti ality data de	ives and te eliverables	st results m are availab	eet the req le on requ	quirement	ts of NEL	AC unless other	vise noted as flagged	d
				These anal All data is RL = Repc QC Data F	reported corting Lim	on an 'As l its	ls' basis ur	e sample tested. Iless designated a 7/L	s 'Dry Wt'.	
ww.pcslab.net			532 Universa	 al City Blvd  X 78148-3318	8					in: 210-340- ix: 210-658-



Client Information			Sample Inf	formation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri	le ID: Fi x: Non-I	Camp E nal Efflu Potable V ken: 06/1	ent	154		PCS Sample #: 764348 Page 1 of 1 Date/Time Received: 06/12/2024 12:49 Report Date: 06/18/2024 Approved by:				
I Cot D Coverption	Result	Units	RL		sis Date		Methe SM 521		Analyst GQM		
BOD5 Total Suspended Solids	4 2	mg/L mg/L	3 1		9/2024 10 9/2024 1		SM 321 SM 254		PML		
	Precision		surance Sum LCL	mary MS N/A	MSD N/A	UCL N/A	<b>LCS</b> 191	LCS Limit	Blank		
BOD5 Total Suspended Solids	*40 <1	23 10	N/A N/A	IN/A	19/24	N/A	171	107 - 220			
Quality Statement: All supporting quality data adhered exceptions or in a case narrative attachment. Reports w	ith full qua	lity data de	ives and te eliverables	are availab	le on requ	lest.		AC unless other	vise noted as flag	gged	
*Approved for release per QA Plan, Exception to Limits - QAM	Section 13-4			All data is RL = Repo	reported orting Lim	on an 'As lits	BOD in m	nless designated a	s 'Dry Wt' <u>.</u>		
www.pcslab.net chuck@pcslab.net This report cann	ot he reproduce	Uni	1532 Univers	TX 78148-331	8 rior written (	consent from	1 Pollution C	Control Services.	*	Main: 210-340-03 Fax: 210-658-79	



Client Information			Sample Inf	formation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 782	Samp Matri Date/	le ID: Fi ix: Non-l	Camp E inal Efflu Potable V ken: 6/20	lent Vater	258	PCS Sample #: 765439 Page 1 of 1 Date/Time Received: 6/20/2024 13:44 Report Date: 6/26/2024 Approved by:					
Test Description	Result	Units	RL		ysis Date		Meth		Analyst		
BOD5 Total Suspended Solids	4 4	mg/L mg/L	3 1		0/2024 1 1/2024 1		SM 521 SM 254		GQM PML		
Test Description	Precision		surance Sum LCL		MSD	UCL	LCS	LCS Limit	Blank		
BOD5 Total Suspended Solids	<1 7	23 10	N/A N/A	N/A	N/A	N/A N/A	186	167 - 228			
Quality Statement: All supporting quality data adh exceptions or in a case narrative attachment. Repo							ts of NEL	AC unless otherwi	ise noted as fla	ıgged	
				All data i RL = Rep		on an 'As Ì nits	Is' basis ur	e sample tested. aless designated as ' z/L	'Dry Wt',		
ww.pcslab.net huck@pcslab.net										Main: 210-340- Fax: 210-658-	



Client Information		-	1	Sample Inf	formation		~		Laboratory	Information	
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7	8234	Sample Matrix:	ID: Fin Non-P	Camp B nal Efflu Potable V ken: 6/26	ent Vater	31		Date/	Sample #: 766 Fime Received rt Date: 7/2/20 d by:	: 6/26/2024 24 burk h	e 1 of 1 13:34 Millerten ren, President
<b>Fest Description</b> 30D5 Fotal Suspended Solids	Res	5 r	J <b>nits</b> ng/L ng/L	<b>RL</b> 3 1	06/2	v <mark>sis Date</mark> 6/2024 1 6/2024 1	6:11	Meth SM 521 SM 254	0 B	Analyst GQM LCC	
<b>Test Description</b> BOD5 Fotal Suspended Solids	Pree	cision I 7 3	Puality Ass Jimit 23 10	Burance Sum LCL N/A N/A	MS N/A	MSD N/A	UCL N/A N/A	LCS 204	<b>LCS Limit</b> 167 - 228	Blank	
Quality Statement: All supporting quality data a exceptions or in a case narrative attachment. Re				liverables a	These ana All data is RL = Rep	le on required of the second s	ults relate on an 'As l	only to the s' basis un	e sample tested. less designated as		lagged
ww.pcslab.net uck@pcslab.net			Univ	532 Universa ersal City, T	-	8			nutral Services		Main: 210-340 Fax: 210-658



Client Information	in the second		Sample In	formation			1.1.1.2	Laborato	ory Information	
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7823	Samı Matr Date/	ect Name: ble ID: Fi ix: Non-] Time Tal	inal Efflu Potable V	ient Vater	9		PCS S Date/ Report	1 of 1 12:49 Allerten ren, President		
Test Description	Result	Units	RL		vsis Date		Meth		Analyst	
BOD5 Total Suspended Solids	7 4	mg/L mg/L	3		2/2024 1 2/2024 1		SM 521 SM 254		GQM PML	
Test Description	Precision	Quality As Limit	surance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank	
30D5 Fotal Suspended Solids	<1 1	23 10	N/A N/A	N/A	N/A	N/A N/A	171	167 - 228		
			1							
Quality Statement: All supporting quality data adher exceptions or in a case narrative attachment. Reports							ts of NEL	AC unless other	rwise noted as fl	agged
				All data is RL = Rep		on an 'As l its	ls' basis ur	e sample tested. hless designated z/L	as 'Dry Wt'.	
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Client Information	-		Sample In	formation			Laboratory Information				
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 7823	Samp Matr Date/	ct Name: de ID: Fi ix: Non-J Time Tal	inal Efflu Potable V	ient	43		PCS Sample #: 767561 Page 1 of 1 Date/Time Received: 7/10/2024 13:34 Report Date: 7/16/2024 Approved by:				
Test Description BOD5 Total Suspended Solids	Result 4 6	Units mg/L mg/L	<b>RL</b> 3 1	07/10	sis Date )/2024 10 )/2024 10	6:17	<b>Meth</b> SM 521 SM 254	0 B	Analyst GQM LCC		
Test Description BOD5 Total Suspended Solids	Precision *40 1	Quality Ass Limit 23 10	surance Sum LCL N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A	LCS 182	<b>LCS Limit</b> 167 - 228	Blank		
Quality Statement: All supporting quality data adhera exceptions or in a case narrative attachment. Reports Approved for release per QA Plan, Exception to Limits - QAN	with full qua	lity data de	ives and tes liverables	a <i>re availabl</i> These anal	ytical resu reported o rting Limi	est. Ilts relate o on an 'As I its	only to the s' basis un	e sample tested. Iless designated a		gged	
ww.pcslab.net uck@pcslab.net			532 Universa			70, Except	DUD in mg	ΥL		Main: 210-340-0. Fax: 210-658-7!	



Client Information		12,025	Sample Inf	ormation			1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Laborat	ory Information	1. 1. 1. A.	
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 782	Sampl Matrix Date/T	t Name: e ID: Fir k: Non-P Time Tak	nal Efflu otable V	ent Vater	20		PCS Sample #: 768435 Page 1 of 1 Date/Time Received: 7/17/2024 13:46 Report Date: 7/24/2024 Approved by:				
Test Description	Result	Units	RL		sis Date 8/2024 08		Metho SM 521		Analyst JAS/PN		
BOD5 Total Suspended Solids	3 3	mg/L mg/L	3		8/2024 08 8/2024 10		SM 3210 SM 254		PML		
Test Description	Precision	Quality Asso Limit	urance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank		
BOD5 Total Suspended Solids	5 2	23 10	N/A N/A	N/A	N/A	N/A N/A	Pend	167 - 228			
Quality Statement: All supporting quality data adh exceptions or in a case narrative attachment. Repo	ered to data qua rts with full qual	lity objectiv lity data del	ves and tes liverables	st results m are availab	eet the red le on requ	quiremen lest.	ts of NEL	AC unless othe	erwise noted as fi	lagged	
				All data is RL = Repo	reported of	on an 'As l its	ls' basis un	e sample tested. Iless designated			
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Client Information			Sample Inf	ormation			S. S.	Laboratory	y Information	
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX 78234	Samp Matri	le ID: Fi x: Non-I	Camp B nal Eff Potable W ken: 7/25	ater	22	PCS Sample #: 769529 Page 1 of 1 Date/Time Received: 7/25/2024 13:08 Report Date: 7/31/2024 Approved by:				
	Result	Units	RL		sis Date		Metho		Analyst	
BOD5 Total Suspended Solids	43	mg/L mg/L	3 1		5/2024 10 5/2024 10		SM 5210 SM 254		GQM PML	
				8						
Test Description I	Precision	Quality As Limit	surance Sum LCL	mary MS	MSD	UCL	LCS	LCS Limit	Blank	
BOD5 Total Suspended Solids	20 <1	23 10	N/A N/A	N/A	N/A	N/A N/A	Pend	167 - 228		
Quality Statement: All supporting quality data adhered exceptions or in a case narrative attachment. Reports w	l to data qu vith full qua	ality object dity data de	tives and tes eliverables	st results n are availa	neet the re ble on requ	equiremen uest.	ts of NEL	AC unless other	wise noted as flagged	
				All data i RL = Rep	alytical rest s reported of porting Lim <i>Reported in</i>	on an 'As nits	Is' basis ur	e sample tested. 1less designated a g/L	s 'Dry Wt'.	
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## **Report of Sample Analysis**

Client Information			및 2.1	Sample Int	formation				Laboratory	Information	in the second	
Gerald Johnson 802d CES/CEIEC 2250 Engineer Street, Suite 7 JBSA - Fort Sam Houston, TX	78234	Samp Matri	ct Name: de ID: Fi ix: Non-l Time Tal	inal Efflu Potable V	ient Vater	317		PCS Sample #: 769900 Page 1 of 1 Date/Time Received: 7/31/2024 13:55 Report Date: 8/8/2024 Approved by:				
Test Description BOD5 Total Suspended Solids		sult <3 13	Units mg/L mg/L	<b>RL</b> 3 1	07/3	v <mark>sis Date</mark> 1/2024 1 1/2024 1	5:33	Meth SM 521 SM 254	0 B	Analyst JAS/PM PML/LC		
Test Description BOD5 Total Suspended Solids	Pre	ecision 5 4	Quality As Limit 23 10	surance Sum LCL N/A N/A	mary MS N/A	MSD N/A	UCL N/A N/A	LCS 174	<b>LCS Limit</b> 167 - 228	Blank		
Quality Statement: All supporting quality dat exceptions or in a case narrative attachment.					are availa These ana All data i RL = Rep	ble on requ lytical results reported orting Lim	ults relate on an 'As nits	only to the	e sample tested. lless designated as		gged	
/ww.pcslab.net huck@pcslab.net				532 Universa versal City, T	•	18					Main: 210-340- Fax: 210-658-	

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Year 2024 Month JULY

Car Bullis WWTP Monthly Wor neet

Date	Time	Rain	Air Temp	Effluent Meter Reading	Total Flow	D.O.	рН	Operator(s) On Duty
	Previous	s month>	>	NONE TAKEN BOI				
1	0830	Y 🕅	81.		48380 AVGal	5.2 ppm	7,8	MIKE COLT
2	1100	Y / 🔊	95°F	66209190 gal	rr700	- ppm		MIKE COLT
3	1007	Y 🕐	88"	66247720 Ball	38530 gal	ppm	_	MIKE COLT
4	129:25	YIO	8 °F	66290750 gal	43030 gal	- ppm	-	Milte
5	1155	Y /N	9/ °F	66343990 Bal	53240 Bal	ppm		COLT
6		- <del>7-/</del> 10	°F	gal	556341Q	ppm		
7		<del>- Y / N</del>	°F	gal	55686 Jul	ppm		
8	13:41	¥ 1(1)	37 °F	66511050 Bal	55686 5	ppm	-	Colt Mike
9	11:15	Y /N	90 °F	66565760 Bal	54710 gal	5.5 ppm	7.61	MILE COLT
10	1231	() N	<b>7</b> 3 °F	66663410 Bal	97650 gal	- ppm		MIKE COLT
11	0952	0/ N	84 <sup>*</sup>	66731700 Bal	68290 Bal	ppm		MIKE COLT
12	11:44	QIN	77 *	66800150 Bal	68450 gal	ppm		MIKE
13	1102	YIN	*F	46864210 Ball	64060 gal	ppm		cw
14		T/N-	°F	gal	617 50 Agai	ppm		
15	12:16	Y / 🕥	87 *		61750 Ga	ppm		COH MILLE
16	14:0Z	Y / (1)	91 *	67049710 Bai	62000 gal	ppm	-	DIT MILE
17	12:29	¥ / 🚱	98 5	67107720 gal	58010 gat	- ppm	_	COH MILE
18	13:43	() N	93 F	67172170 Bal	64450 gal	ppm	_	COH WILLE
19	13:35	Ø N		67227070 Bal	54900 gal	- ppm-		Coltalice
20		Y/N	• <b>-</b> • <b>F</b>	gal	626261 ABA	ppm		
21		YTN	°F	gal	62626 4	— ppm	_	
22	13:51	Y / (N)	86 °F	67414950 gal	62626/9ai	ppm	-	COHMIE
23	1251	(Y/ N	73 <sup>•</sup>	67516570 Bal	101620 gal	ppm	_	MIKE COLT
24	1327	0/ N	75 *	67590490 Ball	73920 Ball	ः <sub>ppm</sub>		MILE COLT
25	1021	Ý/N	80 °F	67648900 Bal	58410 Bal	5.6 ppm	7.8	MILE COLT
26	1305	Ø/ №	86°F	67717140 Bal	68240 gal	ppm		COLT
27	-	*/ N	*F	gal	82315 A	— ppm	~	
28		YTN	*F		82315 Judi	ppm		
	13:41	Y / Ø			82315 GBA	- ppm	-	COLTMILE
	17:01	Y / (R)	90 *		46250 gal	— ppm	-	COLT MINE
31	13,14	Y IØ	91	67979680 Ball	51660 gal	ppm		MILE

lotes:

### Year 2024 Month JUNE

E.

## Car Bullis WWTP Monthly Worl eet

Date	Time	Rain	Air Temp	Effluent Meter Reading	Total Flow	D.O.	рН	Operator(s) On Duty
	Previou	s month>	>	64273770 gal				
1	1009		°F	6432418D Bal	50410 gal	ppm		as RA
2	<u> </u>	~ <del>\_/_</del> NL	•F	gal	58235 Agal	ppm		
3	1210	Y / 🗇	93 F	64440650 gal	58235 6 Bal	ppm	_	COLT
4	13:58	Y ID	96 °F	644999700 Bal	59050 gal	ppm		COLT MILE
5	13:15	YIO	91 *	64562270 Bal	62570 gal	ppm	-	Coit Mike
6	1140	Y / 🕐	88 -	64621320 Bal	59050 gal	ppm		MIKE COLT
7	13:56	Y / (1)			66090 gal	ppm		MiKE
8	1042	V IO	ाज्यः <sup>•</sup> F	64738730 Bal	51320 Bal	ppm		CW RA
9		¥/N	*F	gal	74670 A	— ppm	-	
10	14:12	Ø/N	86 F	64888070 gal	74670/ CEPI	— ppm		COH MILLE
11	1022	Y/60	9 °F	64939670 Bal	51600 gal	6,1 ppm	7.92	MIKE COLT
12	161	ØN.	\$2°F	65001830 gal	63160 gal	ppm		MIKE COUT
13	13:27	Y / Ø		65075910 gal	74080 gal	- ppm	-	COLT MIKE
14	12:38	Y / Ø		65140640 gal	64730 gal	ppm		COIT MILE
15	-	<del>*/</del> 1	°F	gal	66933 ABal	- ppm		
16	-	<del>*/*</del>	°F		66933 YEal	ppm	_	
17	11:12	Y ID	86 F	65341440 gal	66933/ gai	- ppm	_	COIT MIKE
18	10:30	D/ N			67500 gal	- ppm		COLT MILE
19	1155	<u>G</u> √ N			64650 Bal	ppm		COLT
20	12:15	DIN		65545500 Ball	71910 Bat	- ppm	-	MIKE
21	1246	(Y)/ N	84 °F	65614530 Bal	69030 gal	ppm		MIKE COLT
22		X/N	<sup></sup> F	gal	53556 Au	ppm	_	
23		- <del>77</del> 10		gai	53556 Jul	ppm		
24	13:57	Y	93 F	65775200 gal	53556 @	mqq		MiKE
25	1207	Y / N	90°F	65 \$ 32 070 Bal	56870 gal	- ppm		MIKECas
26	12:36	Y / Ø		65893290 Bal	61220 gal	®		MILE.
27	1255	Y/N	97 °F	65949870 gal	56580 Bal	ppm	Name of Street	COLT
28	12:58		91 °F	56009680 Bai	59810 gal	ppm		COH MILLE
29	1023	Y / (1)	• <sup>•</sup> F	66056710 Bal	47030 gal	ppm-		CID RA
30		*77	*F	gət	48380 Avgal	ppm		
×	-	Y/N	• °F	gal	gal	ppm	_	

	_ <u></u> hth <u>M/</u>		Са	m dullis WWT	P Monthly	We	orksnee	t .	• • •
Dat	e Time	Rain	Air Tem	Effluent Meter Reading	Total Flow		D.O.	рН	Operator(s) On Duty
	Previou	s month	->	62216880 8	al				
1	13:25	Ø/N	19 "	62268380 8	51500	gal	- ppm		COIT MILE
2	1249	Ø/N	77	62323770 .	55390	gal	ppm	- Alexandra	MIKE COUT
3	11:19	ØIN	73 F		52840	gal	ppm	_	Colt MiKE
4	10:30	YIN	۴	6242678D B	50170	gal	ppm		CIA RA
5		<del>¥ / N</del>	"P			Bal	- ppm	_	
6	12:07	¥ / Ø	79 "	62536140 B		<u>и</u> т		7.92	CONTINUCE
7	1358	Y IN	84 °F	62589020 8	10000	gal	ppm		MIKE COLT
8	13:33	YIØ	77 *	62642340 BE	500	gal	ppm	_	Colt Milte
9	1233	Y 🔊	88 *	62691980 1	49640	gal	ppm		MIKE COLT
10	12:30	¥ / 🕅	75 <sup>*</sup>	62766040 8	14060	gal	ppm		COIT MIKE
11		X/N	°F		831661	gal	ppm		
12		<del>~                                    </del>	•F		8316615	gal	mqq	~	
13	1006	D/N	73"	12-12 1.10	18316616	gal	ppm		COLT MIKE
14	1156	Y /N	82 °F	63099740 83	87200	gal	ppm		MIKE COLT
15	0956	Y 🕖	79°F	63173450 53	73710	gal	ppm		COLT
16	13:02	Y /	75 "	63268400 83	94950	gal	- ppm	_	MICE
17	1310	Ø N	8/ °F	63341870 B	73470	gal	- ppm	Standballer	Car MIKE
18	1040	Y N	*F	63410630 83	68760	gal	ppm	<i></i>	CW RA
19		<u> </u>	•F	ga	72880)	)gal	ppm		
20	1241	Y 🕐	88"	63.556390 E		gall	ppm		COLT
21	12:30	Y D	82°F	63616050 Ba	Earlin	gal	- ppm		COLTALIKE
22	09:17	· Y 🖉	91 °F	63670620 Ba	54570	gal	-	7.95	Colt MillE
23	1144	Y /N	88 *	63731040 gal	60420	gal	ppm		MIKECOLT
24	12:47	Y ID	81 °F	63789940 Ba	1-8000	gal	- ppm,	_	Colt MILE
25	-	¥-/-W	••••	gal	601120	gal	- ppm		
26	-	<del>4 / N</del>	*F	gal	69470 5	gat	- ppm	-	
27	11:09	YID	92 °F	6399835D gal	6947019	gal	ppm -	_	Mike
28	12:54		95 °	64080040 gai	QILCUS	gal	- ppm -	3	Colt M.KE
29	1204		86 °F	64160460 Bal	GAUAA	gal	ppm		MIKE COLT
	13:30	YIO	91 F	64217400 gal	58940	gəl	ppm		Mille
31	13:28	Ø/ N	84 *	64273770 Bal	51220	gal	ppm	-	Colt MIKE

Year 2024

Month APRIL

## Can Bullis WWTP Monthly Work eet

Date	e Time	Rain	Air Temp	Effluent Meter Reading	Total Flow	D.O.	pH.	Operator(s) On Duty
	Previou	l s month:	>	NONE gal			•	
1	1106	(V)/ N	79°F		624102 821	— ppm		MIKE COLT
2	12 21	()/ N	75 "	606 59040 gal	12012	ppm	_	MIKE
3	1317	Y 🔊	75"	60746420 Bal	87 380 gal			MIKE COLT
4	1340	Y / 🕥	79"	60798410 Bal	53490 Bal	ppm		MIKECOLT
5	1310	Y /	77"	60850700 gal	51790 Bal	ppm		COLT
6		<del>*/ N</del>	*F	gal	59230 A	ppm	-	
7		<del>¥-/</del> -N	*F	gal	57230 V	ppm		
8	13:37	¥16)	75"	61028390 Bal	59230 Bal	— ppm		MILE
9	12:43	Ø/ N	79 "	61087490 Bal	59100 Bal	ppm	_	MIKE.
10	1307	() N	68 F	61161360 Bal	73870 gal	ppm		MIKECOLT
11	1147	Y /N	79 *	61224410 Bal	63050 gal	6 Bppm	8.01	MIKECOLT
12	13:20	¥ / 🕢	79 <sup>°</sup>	61277320 Bal	52910 gal	ppm		MILE.
13	-132	TTN	°F	gai	568461 gai	ppm		
14		17 N	•F	gal	56846) A gal	ppm		
15	1314	Y /N	79"	61447860 gal	56846/6 gal	ppm	an management of a state	MIKE COLT
16	1222	Ø N	74 "	61511470 gal	63610 gal	ppm		MIKE COLT
17	13:55	Y / Ø	79 °F	61589740 Ball	TTTO gal	6.2 ppm	7.92	COH MIKE
	12:47	Y / (1)	81 F	61552210 831	62470 Bal	ppm		Colt Mike
19	13:04	Y / N	73 <sup>•</sup> F	61712620 Bal	60410 gal	ppm		CULT MALE
20		· <del>Y / N ···</del>	F	gal	47753 )gal	mqq		
21		¥/N		gal		ppm		
	1210	() N			47753 /GBal	ppm		MIKE COLT
	13:15	YIN		61900060 gal		ppm	_	MiKE
	11:34	YIG		61946070 Bal	46010 gal	ppm		Cost Mike
	12:29	Ø/ N			47190 ва	ppm	-	Colt MillE
26	11:14	Y /@	79 1	62037920 Bal	44660 gat	ppm	-	CO1+14.125
27		- <del>Y / N →</del>	*6	gal	44463, 831	ppm	$\frown$	
28	1100	X/W	DI AºF	gai	44963/V Bal	ppm		
29	1250	V N		60170810 gal	4446316 Bal	ppm	-	MIKE COUT
30	12:00	YN	<b>6</b> / <sup>•</sup> F	62216880 gal	44070 Bal	ppm	-	MIKE
31				gal	gal	ppm		

Year _ 2024
Month MARCH

Can Bullis WWTP Monthly Worl eet

Date	Time	Rain	Air Tomr	Effluent Meter Reading	Total flow			
Date	time	HONT		1917 (1918)	Total Flow	D.O.	<b>pH</b> ⊛ • ;0	Operator(s) On Duty
		s month		58744770 gat				
1	122)	Y /(N)	64"	58810620 Bal	65850 gal	ppm		COLT MIKE
2	1D18	Y/N		58867770 gal	57150 gal	ppm	_	CN RA
3		Y/N		gal	57445 1801	ppm		
4	1310	Y /N	80°F	589.82660 Bal	57445/6821	ppm		COLT
5	12:44	Y/D	86 °F	59024840 Bal	42180 Bal	ppm		COLT MILE
6	12:00	Y / (N)	77 *	59060850 Bal	3(010 gal	ppm		MIKE COLT
7	13:00	Y / (N)	75 *	59112780 Bal	51930 gal	ppm		Mile.
8	13:25	ØIN	82 °F	59168000 gal	22299 Bal	ppm		MIKE
9		Y/N	•••	gal	72660 ABal	ppm		
10		Y/N	*F	gal	72660 4	ppm	-	
11	13:28	Y KAP	72 *	59385980 gal	72660 gai	ppm	-	COH MILE
12	1042	¥ / 🕥	73"	59434930 Bal	48950 Bal	ppm		COLTMIKE
13	1117	Y / []	68 5	59498550 Bal	63620 gal	ppm	_	COLTMIKE
14	TOOD	Ø/ N	72 *	59551260 Bal	52710 gal	ppm	-	COLT
15	1020	6 N	73°F	99607650 Bal	56390 gal	Z/ppm	7.8	COLT
16		-X-/ N-	°F	gal	64100 A Bal	ppm		
17		¥/₩	•F	gal	64100/ gal	ppm		
18	131	() N	63*	59799950 Bal	641001 gal	ppm		COLTMIKE
19	13:12	Y / (N)	57°F	5-1846340 Bal	46390 gal	ppm		MILE.
20	1321	Y Ø	59 °F	59900240 Bal	53900 gal	ppm	-	COLT
21	1225	ØIN	63 °F	59954730 Bal	59490 gal	a ppm		COLT LUIKE
22	09:57	·Y /(N)	<u>7</u>	60017720 Bal	57990 gal	6.2 ppm		
23	1039	¥./.N-	°F	6008/170 gal	63450 Bal	ppm		CW RA
24		<u>Y/N</u>	•F	gal	62490 A Bal	ppm		
25	1330	()/ N	75°F	60206150 gal	6249016 Bal	ppm		COLT MIKE
26	1///	Y / N >	61 "	60260380 gal	54230 Bal	 ppm		COLTMIKE
27	0945	(Y)N	°F	60322770 gal	62390 Bal	ppm		CW BA
28	1020	Y / 🕐	63°	60386500 Bal	63730 Bal	ppm		COLT MIKE
29	3:16	Y / N	73 *	1 1112.20	61670 gal	ppm	_	Colt Mille
30	024	Y / N	*F	60500460 gal	52290 Bal	ppm		Cu)
31	-	TN	°F		624100 Bal	ppm		
lotes								

Date	Time	Rain	Air Temp	Effluent Meter Readin	ng Total Flow		D.O.	рH	Operator(s) On Du
	Previous	s month	>	56655790	gal				
1	13:39	Y / 🕅	64 *	56714890	gal 59100	gal	ppm	_	COLT MIK.
2	17:45	D/N	66 F	56790330	gal 75440	gal	ppm	_	Colt Mile
3	10:31	Ø/ N	~ °F	5690306D	Bal 112730	) gal	ppm		CN PA
4	-	TTR	*F		8-196045	A gal	ppm		
5	0758	Ø/ Ň	58 -	57095150	821 960451	v gal ر	6,8 ppm	7.9	COLTMIK
6	1300	Y 1	63 *	57187530	Bal 92380	gal	ppm		COLT MIKE
7	13:20	Y / (N)	70°F	572 69660	gal 82130	gal	ppm		CULT MIKE
8	1321	¥ / (9)	68 °F	<u>57370840</u>	gal 101 180	gal	ppm		COLT MIKE
9	12:33	Y/D	73 "	57468430	Bal 97540	gal	ppm	1	MIXE
10	10:34	771	'F	57,535330	Bal 66900	gal	spm		CIN RA
11			°F		Bal 89515 A	gal	ppm		
12	1304	Y /N	57 "	57714360	Bai 89515/6	gal	ppm		COLT MIK
13	0957	Y /N	60"	57779520	Bal 65160	gal	6,9 ppm	7.9	COLT MIKE
14	1301	Y 16	61 7	57846690	Bal 67170	gal	ppm		COLT MIKE
15	304	Y/M	64"	57918290	Bal 71600	gal	ррт		COLT MIKI
16	1307	@/ N	64 *	57984070	Bal 65780	gal	ppm		COLT MIKE
17	1043	Y / N	۴	58042790	Bal 58720	gal	sppm		CW RA
18			۴F		Bal 634 50 A	gal	ppm		
19	10:38	Y /N	52 F	58169690	Bal 634 50/6	gal	ppm		11. Like
	1029	Y /N	65 "	58237930	gal 68240	gal	ppm	_	COLT
21	1331	Y / N	68 °F	58296520	58590	gal	ppm		COLT
	0914	Y / D	64"	58336820	gal 40300	gal	ppm	-	COLTMIKE
23	1010	Y N	69 "	5835.5226	sal 48400	gal	62 ppm	7.9	COLT MIKE
24		Y-/N	F		3al 607301		ppm		
25		<del>¥ /-N</del>	°F			<u> </u>	ppm		
26	13:01	Y / 🕢	73 °F	58567410	sal 60730	ygal gal	ppm		WIKE
27	14:19	Y I Ø	82 F	586 23 830	al 56420	gal	ppm		WILF
28	2.42	Y16	61 °F		al 51900	gal	ppm	92	rult Mille
29		¥/N	F		(a)	gal	ppm	_	
30		Y/N	*F		al	gal	ppm		
31		Y7N	40		jal	gal	ppm		(
tes:	FORGO	ABOUT I	-EAP YI	EAR - COLT		<u></u>			

Can Bullis WWTP Monthly Worl eet

Year 2024

# Year <u>2034</u> Month <u>JAN</u> Camp Jullis WWTP Monthly Works...eet

							_	
Date	Time	Rain	Air Temp	Effluent Meter Reading	Total Flow	D.O.	рН	Operator(s) On Duty
	Previou	s month>	>	NONE TAKEN BO	1			
1	1212	Y 169	5/"		3314DAV	ppm	-	COLT
2	1000	Ø/N	48 °F	53968620 83	138070 gal	ppm		Glenn
3	12:24	ØN	4.6 F	54033050 ga	64430 gal	ppm		MIKE
4	0952	Y / 🕅	54"	54070130 80	137080 Bal	ppm		COLT MIKE
5	13:00	Y/N	57 *	54127300 Ba	157170 gal	ppm		MIKE
6	177	- <del>∀-/ N</del> -	°F	gə	1640431 A	ppm	-	
7			°F	ga	64043	ppm	_	
8	17:40	(V/N	57 °F	54319430 BO	164043/A	ppm	-	Colt MIKE
9	13:54	¥ / (v)	64 °F	54350350 Ba	60920 gal	∩.  ppm	7.64	MIRE
10	12:30	Y / N	61 °F	54461830 Ba	181480 gal	- ppm	-	Mike
11	1300	5 C Y	66"	54539710 83	1 77 <i>880</i> gal	ppm		COLT MIKE
12	12:30	YIØ	55 °F	54605270 B3	65560 gal	- ppm		MILE
13	-	¥/N	*F	ga	199456 Bal	ppm		
14		¥-/_N	°F	ga	199456/0	ppm		
15	10 50	YOD	21 °F	54905140 Ba	19945616 Bal	ppm	2	MIKE
16	14:01	Y / 🕅	23 °F	55029920 BA	124730 gal	ppm		MIKE
17	12:48	Y / 🕢	37 °F	55254850 BA	1224930 Bal	ppm	-	MIKE
18	10:16	Y / 🗹	59 *	55379,230 Ba	118380 gal	7.9 ppm	8:00	MILE
19	0950	¥ / Ø	*F	55478950 60	105720 Bal	- ppm		CN GA
20	0935	1.155	°F	55582550 B	103600 Bal	ppm	-	cw
21		Y-/-N	•F	ga	1644551	ppm	-	
22	12:29	Ø/ N	54 *		164455/6		-	MILE
23	13:24	ØIN	64 "	56030210 BO	118750 gal	- ppm	-	NIIVE
24	0935	Ø/N	60 °F	56128020 BA	197810 gal	- ppm	-	Glam
25	1325	¥ 100	64 "	56274210 83	146190 Bal	ppm	-	COLT MIKE
26	13:28	Y / [N]	61 *	56355520ga	176310 gal	ppm	-	MILE
27	1056	Y/N	°F	56424100 BA		ppm		GU PA
28	13:35	MH: A	°F	ga	165015 Agai	ppm		Got Dike
29	12:35	Y N	£6 °F	56554130 Ba	165015/G	ppm		COH MIGE
30	12:32	Y /N		56610930 Ba		ppm	-	COLT MIKE
31	10:55			56655790 BA				Colt Mille

lotes: 01/28/24 Ender TIME, WEATHER AND NUNESON THE WRONG DATE Should BEFOR 01/29/24.

### Year 2023 Month DECEMBER

## Camp Bullis WWTP Monthly Work

Date	Time	Rain	Air Temp	Effluent Meter Reading	Total Flow	D.O.	рН	Operator(s) On Duty
	Previous	month>		52892670 gal				
1	12:20	Y / (1)	61 *	5201431540 gal	50870 gal	ppm		MIKE
2	095D	Y / N	•••	52977480 Bal		ppm	·	cw
3		<u>Y / N</u>	°F		35 800 Agai	ppm		
4	1204	Y /@	66	53049080 Bal		ppm	7,9	COLT
5	14:15	Y / (N)	72°F		37910 gal	ppm		MIKE
6	12 30	Y /(N)	66 °F	53123580 gal	36590 gal	ppm	_	MILE
7	1210	Y 🔊	61 °F	53 63240 Bal	39660 gal	ppm		COLT MIKE
8	13:18	Y / Ø	63°F	53206340 gal	43100 gal	ppm	-	MIKE
9		- <del>Y-/-N-</del>	°F	gal	42796 ABAI	ppm		
10	88	<del>Y-/-N</del>	°F		42746 Lipal	ppm		
11	13.24	¥ / 🕥	63 °F	53334730 gal	42796/Ga	ppm		MIKE
12	13 31	v / {v	1 1 -		43070 Bal	ppm	_	MIKE
13	12:46	Ø/N	55 F		40250 gal	ppm	-	MIKE
14	1204	()/ N		53453550 Bal	<u>35500 gal</u>	ppm		COLT MILE
15	13.40	Ø N	64 °F	53489310 Bai	35760 gal	- ppm	_	MILE
16		YAN	••°F	Store gal	275161	ppm		
17		X/N	*F	gal		ppm		
18	115/	Y /(b)	64"	53571860 831	2751616gal	ppm	-	COLT MIKE
19	13:17	Y / 🕖	63 °F		24070 Bai	- ppm	_	MiKE
20	12:48	Y / 🔊	70 F	53622180 gal	26250 gal	— ppm		Mike
21	1310	⑦/ N	63 *	536 54200 gal	32020 gal	ppm		COLT MIKE
22	0905	Y / N	, °F	53684040 Bal	29841) gal	ppm		CN
23		Y/N	•*F	gal	22326 API	<del>p</del> pm		
24		YIN	••••	gal	22826 100	ppm		
25	8:45	Y/6	45 F	53752520 Bal	22826 Bal	— ppm	-	MIKE
26	12:53	Y/Q	54 °F		75360 gal	- ppm	-	MILE
27	13 21	Y /(N)		53798980 gal	21100 gal	ppm	_	MIKE
28	13:20	Y IN	59 *		20110 gal	ppm	-	COLT MIKE
29	רו:טו	YIP		53834130 gal		ppm		MIKE
30		- <del>- Y / N</del> -	°F		32140	ppm		
31	-	- <del></del>	°F	gal			-	

Year 2023 Month <u>Nove MBER</u>

# Camp Bullis WWTP Monthly Work

Date	Time	Rain	Air Temp	Effluent Meter Reading	Total Flow	D.O.	рН	Operator(s) On Duty
		_		F./1/(72.0)		1.	•	
	5 - C	month>		51614770 Bal	42340 eal			
1	13:13	¥ /@>		51657110 Bal	11/000	ppm	-	MIKE
2	.2:4	v / 🔊	6/ °F	51702930 Bal	45820 Bal	ppm		COUT MIKE
	13:16	- <del>1/N</del>	6 / °F	51751130 831	43200 gal	ppm		MIKE
4		<u>v./.</u>	•F		49770 A	ppm		
5		Y (R)	70°F	· · · · · · · ·	49770/00			Call Luille
6	12:51	Y (N)	79 ' 82 *	The state and the	49778 Bal	ppm		Cold/MILE
7	13:27 13:40	Y /N			48810 Bal 52560 Bal	ppm		MIKE
8		<i>D</i> / N		52037130 Bal	15320	ppm		Mike
	91:29	(Y) N	55 *			ppm	-	CULT Mike
10 11	0:01	Y / N	<del>ک ک</del> ۴		52371 Bal 48010 Bal	ppm	-	WICE CW RA
11	1040	<u>- ¥ / N</u>	°F	52/37520 Bal	11770100	ppm		CN RA
$\vdash$	1158	Ø N	58°F	52233110 gal	ע אמררע	ppm		CarMikE
13	12:54	Y /M	59 °F	12230	110-00	ppm		MIKE
	13:41	Y /(N)	·73 *F	52329700 gal	11-022	ppm		MIKE
	1311	Y/@	57 °F		11/20	ppm		MILE
	12:37	Y/W	72 °F		11 tommers	ppm		MILE
18		× / N	/ °F		102201	ppm		
19		<u>Y/N</u>	°F		40320 M	ppm ppm		
20	0927	()/ N	64"	52543710 Bal	40320 Bail	- ppm	8.06	COLT MIKE
21		Y-/-N	°F	gal	1100000			
22	14:22	Y /N	66 °F	52625250 Bal		ppm		Milte
23	1146	(Y) N	50°	52652650 831	97460	ppm		COLT
	12:05	Y / (1)	0.0	52677330 gal		ppm		MILLE
25		+7N-	۰ <u>ـــــ</u> ۴		20 10 7	ppm		
26		<del>Y / N</del>	°F	gal	3363/ W	ppm		
27	1211	Y /	52.5	52778240 831	20122	ppm		COLT MIKE
28	13:43	Y /N	52°F	52310210 gal		ppm	<b></b>	MILE
29	13:13	Y / (1)	54 °F		39520 gal	ppm	—	MIKE
30	1015	(Y/ N	6 °F	52892670 Bal	11 Adulto	ppm	1	COLT MIKE
31		Y / N	*F	gal	gal	ppm		

### Year 2023 Month OCT

## Came Bullis WWTP Monthly Work C.eet

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $									
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Date	Time	Rain	Air Temp	Effluent Meter Reading	Total Flow	D.O.	рН	Operator(s) On Duty
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		Previous	s month>	>	gal				1
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1		- <del></del>	*F	50446440 831	26525 AVG 831	ppm		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2	1247	Y /		504/2450 gal	26010 gal	ppm		COLT MIKE
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3	13:25	Y/N	90°F	50512290 Bal	39840 Bal	5.9 ppm	7.9	MIKE
S       5.5.5       0.1       12       30.30       21       0.0       221       221       0.0	4	12:27		91		31230 gal	ppm		MIKE
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	5	13:54	Q/N	16	<u>50547370</u> gal	53850 Bai	ppm		cult Mille
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6	13:00	Y / (N)	8	506 51 9 10 gal	34600 gal	ppm		MIKE
8	7	1018	Y / 🕑		50657070 Bal	25100 Bal	ppm	-	cn RA
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	8		<u> </u>	•F	gal	289757	ppm		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9	<u>i015</u>				28975/6801	ppm		Cout
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	10	13:44		12	- Ir I Bur	26670 Bal	ppm		MIGE
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	11	13:37		[/4		36000 gal	ppm		MILE
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12	11:42		70	D0812120 gal		ppm		MIKEKOI
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	13	12:01	Y / 🕑	DI	50845730 Bal		ppm		Mike
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	14	<u> </u>		• • • F	gal		ppm		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	15			•••• *F			ppm		
18 $B:17$ $V I O O$ $Q O T = 51060170$ $gal 441500$ $gal - ppm - IM I VE$ 19 $I2:47$ $V I O O T = 51105970$ $gal 45800$ $gal - ppm - IM I VE$ 20 $I2:18$ $V O O T = 51105970$ $gal 45800$ $gal - ppm - IM I VE$ 20 $I2:18$ $V O O T = 51150710$ $gal 44740$ $gal - ppm - IM I VE$ 21 $A:oo$ $V O O T = 51150710$ $gal 44740$ $gal - ppm - IM I VE$ 21 $A:oo$ $V O O T = 51130520$ $gal 201810$ $gal - ppm - IM I VE$ 22 $-V O O O T = 51130520$ $gal 33455/861$ $ppm - IM I VE$ 23 $I355 O I N T T = 51289890$ $gal 33455/861$ $ppm - IM I VE$ 24 $I7:15 O N A T = 51289890$ $gal 46130$ $gal - ppm - IM I VE$ 25 $I7:45 O I N A T = 513399470$ $gal 53450$ $gal - ppm - IM I VE$ 26 $D:52$ $D! N A T = 513399470$ $gal 53450$ $gal - ppm - IM I VE$ 27 $I3:32 V I O I 90$ $gal 53450$ $gal - ppm - IM I VE$ $M I VE$ 28 $-V I O I 90$ $gal 51810$ $gal 51810$ $gal - ppm - IM I VE$	16	1200				41457/6 gal	ppm		COLT MIKE
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	17	[3:0]		· · · · ·	51010.670821	40570 801	67 ppm	8.0	MillE
20 12.18 $V \otimes Q \otimes^{r} 5115 \otimes 10$ gal $44740$ gal $-ppm - MiKE$ 21 $A:o \otimes V \otimes 64^{rr} 5118 \otimes 520$ gal $241810$ gal $-ppm - MiKE$ 22 $-++\pis^{r}$	18	13:13			51060170 gal	44500 Bal	ppm	-	MiLE
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19					45800 gal	ppm		MIKE
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20	12:18		90°F	51(50710821		e ppm		MIKE
23 1355 $@/N$ 77 51247430 gal 33455/6gal ppm - Colt 24 13:15 $@/N$ 79 $F$ 51289890 gal 42460 gal - ppm - MiKE 25 17:45 $@/N$ 79 $F$ 51336020 gal 46130 gal - ppm - MiKE 26 $@.52$ $@/N$ 73 $F$ 51389470 gal 53450 gal - ppm - Colt MiKE 27 13:32 $V/@$ 89 $F$ 5140190 gal 11726 gal - ppm - MiKE 28 $- ++N - F$ gal 51810 gal - ppm - MiKE 29 $- ++N - F$ gal 51810 gal - ppm - MiKE 30 1252 $@/N$ 43 $F$ 51556630 gal 51810 $V$ gal - ppm - Colt MiKE 24 51810 $V$ gal - ppm - Colt MiKE	21	Q:00	Y (N)	64 *	51180520 Bal	201810 gal	ppm	-	MIKE
24 13:15 (V) N 79 °F 51289890 gal 47460 gal - ppm - MiKE 25 17:45 (V) N 77 °F 51336020 gal 46130 gal - ppm - MiKE 26 10:52 D/N 73 °F 51389470 gal 53450 gal - ppm - Colt MiKE 27 13:32 V/O 89 °F 51401190 gal 11720 gal - ppm - MiKE 28 - 4/N - F - gal 51810 gal - ppm - MiKE 29 - 4/N - F - gal 51810 gal - ppm - MiKE 30 1252 (V) N 43°F 51556620 gal 51810 bgal - ppm - Cout MiKE 24 51810 bgal - ppm - Cout MiKE	22				gal	334552	ppm		
25 17:45 0/N 77 °F 51336020 gal 46130 gal - ppm - Mike 26 10:52 D/N 73 °F 51389470 gal 53450 gal - ppm - Colt Mike 27 13:32 Y/O 84 °F 51401190 gal 11726 gal - ppm - Mike 28	23	<u>1355</u>		ZZ	5/247430 Bal	33455/6801	. ppm		COLT
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24	13:15		79		42460 Bal	- ppm		MICE
27 13:32 Y/ $\otimes$ 84°F 51401190 gal 11720 gal ppm - M.VE 28	25			71	51336020 Bal	46130 gal	ppm	_	MIKE
$\frac{27}{3.32} + \frac{15}{10} + \frac{99}{10} + \frac{1901140}{100} = \frac{1726}{9} = \frac{1726}{9} = \frac{9}{100} + \frac{1001140}{100} = \frac{1726}{9} = \frac{9}{100} + \frac{1001140}{9} = 1$	26	10:52			<u> </u>	53450 Bal	ppm	-	Colt Mike
$\frac{28}{29^{$	27	13:32		09	31901190 gal		· ppm	<u> </u>	Mike
30 1252 (V/N 43°F 51556620 Bal 51810 6 Bal - ppm - COLT MIKE	28			·*F			ppm		· · · · · · · · · · · · · · · · · · ·
20 111:22 X10 KT "F51614770 58150 1011-	29			<u>*</u> F	gal	51810/V Bal	ppm		
31 1433 Y10 55 51614770 gal 58150 gal - ppm - MIKE	30	-		43°			ppm		
	31	14:33	¥ 1/1)	55 *	51614770 gal	55150 gal	ppm	-	MIKE

Year <u>2023</u> Month<u>SEPTEMBE</u>R

# Came Bullis WWTP Monthly Work eet

$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Date	Time	Rain	Air Temp	Effluent N	/leter Reading	Total Flow	D.O.	pН	Operator(s) On Duty	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Previous	s month>	>	493	72060 ral					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1		A		493	0000	2/210	ppm		COLT	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2	0975	Y/D		4942	23710 Bal	24840 Bal	ppm		CW. RA	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3		TN		9	gal	25930 A Bal	ppm			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	4	1055		88°F				8, / ppm	7:7	COLT	
7 $I/45$ $I/60$ $385^{+}$ $49575070$ $eal$ $36030$ $eal$ $pom$ $ Cout$ 8 $I/21$ $V/60$ $47^{+}$ $49610400$ $eal$ $35330$ $eal$ $pom$ $Cout$ 9 $V/30$ $V/9$ $92^{+}$ $4965030$ $eal$ $79630$ $eal$ $pom$ $CuU$ 10 $I045$ $V/9$ $92^{+}$ $49503020$ $eal$ $7900$ $CuU$ 11 $I100^{-10}$ $92^{+}$ $4972940000$ $aal$ $509100000^{-1}$ $eal$ $pom$ $CuU$ 12 $I015$ $31^{-10}$ $797400000000000000000000000000000000000$	5	13:46			-		34830 gal	🔶 ррт		Mike	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6			1 4	4953	9040 gal	28640 gal	ppm		colt, Mike	F
9 $1/30$ $1/300$	7			86	4957	5070 gal		ppm	-	COLT	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	8	122		43	49610	2400 gal	35330 gal	ppm		COLT	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9			92	4965	0030 gal	39630 gal	ppm		Ceu	
12 $015$ (3/N)       31 $777233400$ sal $50910$ sal $7900$ $-780$ $0017$ 13 $7100$ $760$ $897$ $79844600$ sal $52360$ sal $79p00$ $7.80$ $0017$ 14 $9728$ $7100$ $77$ $498888060$ sal $73460$ sal $9p00$ $CW$ $78007$ $CW$ 15 $1923$ $7100$ $77$ $499722160$ sal $732050$ sal $9p00$ $CW$ $4177301/0$ 16 $1023$ $4400$ $774722160$ sal $72050$ sal $9p00$ $CW$ $4177301/0$ 16 $1023$ $4400$ $72050$ sal $9p00$ $CW$ $4177301/0$ 16 $1023$ $449722160$ sal $72050$ sal $9p00$ $CW$ $4177301/0$ 17 $4499722160$ sal $72050$ sal $9p00$ $CW$ $4177301/0$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $11600$ $1$	10		<u> </u>	94	4969	1680 gal	99650 gal	ppm		<u>L</u> A	
13 $ 2 10$ $\times 60$ $37$ $=$ $49844600$ gal $52360$ gal $719$ ppm $7.8$ $Couttoutoutoutoutoutoutoutoutoutoutoutout$					497	1/3708al	49650 Bal	ppm			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		1015			HAY 2	340 gal	50910 gal	ppm		COLT	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		1210		89 '	778	19600 gal	32360 gat	/i y ppm	1.8	COLT	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				· · ·	4988	18060 gal	43460 gat	ppm		cw	210000
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				*F	144	gal	110 -	ppm		67 cm	77730110
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		1023		* <u></u>	4997	2160 gal	<i>•</i>	ppm		CW Ht	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		1200	*		10011	2000		ppm			
20 17:12 $Y/0$ (13 $F$ 50113820 gal 37870 gal $-ppm$ - Mikt 21 100 $Y/0$ 84 $F$ 50140440 gal 26620 gal $-ppm$ - Colt Mikt 22 i4:11 $Y/0$ 93 $F$ 5017130 gal 36690 gal $-ppm$ - Mikt 23 1056 $Y/0$ $-F$ 50202070 gal 24940 gal $-ppm$ - Mikt 24 $ HN$ $-F$ gal 27315 A gal $-ppm$ - Mikt 25 1746 ON 90 $F$ 50256700 gal 27700 gal $ppm$ - Mikt 26 13:48 $Y/0$ 93 $F$ 50286400 gal 29700 gal $ppm$ - Mikt 27 13:00 $Y/0$ 91 $F$ 50333400 gal 47000 gal $-ppm$ - Mikt 28 11/5 O/N 91 $F$ 50368000 gal 24600 gal $-ppm$ - Mikt 29 7:06 $Y/0$ 74 $F$ 50393300 gal 253610 gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 7301 $HT$ $25$ - gal 26525 AV gal $-ppm$ - Mikt 30 $HT$ $-F$ - gal 26525 AV gal $-ppm$ - Mikt 30 $HT$ $-F$				47	3004	- de		ppm		LOLT MIKE	
21 $ 000 \vee 100 \otimes 94^{\circ}f = 50140440 \otimes 366620 \otimes 900 - 0017 Mike$ 22 $i4:11 \vee 100 \otimes 93^{\circ}f = 50177130 \otimes 366400 \otimes 900 - 0016 Mike$ 23 $i7556 \vee 100 - f = 50202070 \otimes 24940 \otimes 900 - 000 RA 24 - 47N - f = 00202070 \otimes 24940 \otimes 900 - 000 RA 25 i346 \otimes 01 \times 90^{\circ}f = 50256700 \otimes 2731576 \otimes 900 - 000 RA 26 i3:48 \vee 100 \otimes 93^{\circ}f = 50286400 \otimes 29700 \otimes 900 - 000 RA27 i3:00 \vee 100 \otimes 91^{\circ}f = 50286400 \otimes 29700 \otimes 900 - 000 RA28 i1/5 \otimes 01 \times 91^{\circ}f = 50368000 \otimes 900 \otimes 900 - 000 \otimes 900 - 000 RA29 7:06 \vee 100 \times 74^{\circ}f = 503933900 \otimes 24600 \otimes 900 - 000 - 000 Mike30 i301 \to 100 \otimes 90^{\circ}f = 50393900 \otimes 253910 \otimes 900 - 0000 $				9.5			Bui	ppm		MILE	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								ppm	- :	WIKE	
23 $1056$ $Y IN$ $-F$ $50202070$ gal $24940$ gal $-ppm$ $-Cw$ RA 24 $-HN$ $-F$ $-gal 27315$ Agal $-ppm$ $-Cw$ RA 25 $1746$ $ON$ $90$ $F$ $50256700$ gal $27315$ Agal $-ppm$ $-HIKE$ 26 $13:48$ $YIN$ $G3$ $F$ $50286400$ gal $29700$ gal $-ppm$ $-IMIKE$ 27 $13.00$ $YIO$ $91$ $F$ $50333400$ gal $47000$ gal $-ppm$ $-IMIKE$ 28 $11/5$ $OIN$ $91$ $F$ $50368000$ gal $34600$ gal $-ppm$ $-MIKE$ 29 $9:06$ $YIN$ $79$ $F$ $50393200$ gal $253610$ gal $-ppm$ $-MIKE$ 30 $730$ $YIN$ $79$ $F$ $50393200$ gal $253610$ gal $-ppm$ $-MIKE$	$\vdash$	10		89	20190						
24 - $\frac{1}{10}$ -				99 °F			0.10110				
25 1746 ON 90°F 50756700 gal 27315/6 gal ppm COLT MIKE 26 13:48 VIN 93°F 50286400 gal 29700 gal ppm - 141KE 27 13:00 VIN 91°F 50333400 gal 47000 gal ppm - 141KE 28 11/5 OIN 91°F 50368000 gal 34600 gal ppm - COLT MIKE 29 9:06 VIN 79°F 50393390 gal 25390 gal - ppm - MIKE 30 Jai 470 26°F 50393390 gal 25390 gal - ppm - MIKE 30 Jai 470 26°F 50393390 gal 25390 gal - ppm - MIKE	1	1056		•F	5020		1731/1		-	CW KA	
$\frac{26   3:48 \times 10}{3.00} (3)^{5} 50286400 \text{ gal} 29700 \text{ gal} - ppm - 141KE$ $\frac{27   3.00 \times 10}{3.00} (1)^{6} 50333400 \text{ gal} 47000 \text{ gal} - ppm - 141KE$ $\frac{28   1/5}{0.18} (0)^{18} (1)^{6} 50368000 \text{ gal} 34600 \text{ gal} - ppm - COLT MIKE$ $\frac{29 9:06 \times 100}{79} (1)^{6} 50393390 \text{ gal} 25390 \text{ gal} - ppm - MIKE$ $\frac{30 (301 \times 100)}{301} (1)^{6} 5039390 \text{ gal} 25390 \text{ gal} - ppm - MIKE$		1701		98°F	SAL					1 All 11	
27 $ 3.00 \times 10  91^{\circ}F 50333400  gal 47000  gal - ppm - MiKE$ 28 $ 1/5  0/N  91^{\circ}F 50368000  gal 34600  gal - ppm - COLT MIKE$ 29 $9:06  \times 100  79^{\circ}F 50393390  gal 25390  gal - ppm - MiKE$ 30 $ 3a1  + \pi  25^{\circ}F - gal 26585  AVGal - ppm - MiKE$			-		1.00		20-			LOLT/VIKE	
28 1/15 O/N 91 °F 50368000 gal 34600 gal - ppm - COLT MIKE 29 9:06 V/N 79 °F 50393390 gal 25390 gal - ppm - MIKE 30 1301 ++ N 25 - gal 26525 AVGal - ppm -				GI F			110			MIKE	
29 9:06 V/N 79 °F 50393390 gal 25390 gal - ppm - MIKE 30 1301 +1 P 25°Fgal 26525 AVGalppm			-	G1 °F	-			_	-	<i>d</i> 5	
30 301 ++ N 255 gal 26525 AV6 ppm			-	701 °F							
						<u> </u>				NIEC	
	31		<del>Y / N</del>	<u> </u>	5041	-	gal		~		

Year	2023
Month	AUG

Cam Jullis WWTP Monthly Work get

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $									
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Dat	e Time	Rain	Air Temp	Effluent Meter Reading	Total Flow	D.O.	рН	Operator(s) On Duty
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		Previou	s month>		48473830				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1	13:47	Y / 🔊	106 °F	48503870 gal	30040 gal	- ppm		MIKE
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2	1322	Y / 🕢		NAVOA MA	25640 gal	ppm		COLT
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3	1041	Y /			334708al	ppm	-	COLT MIKE
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	4	13:57	Y / 🕅	G3 "	48590320 Bai	27340 831	🔶 ppm	-	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
7       1000 $V \oplus S = 1^{r} 48663710$ eal $AH463^{r}$ eal $-ppm$ $Colt Millip = 10^{r}$ 8       0750 $V \oplus - r$ $481690180$ eal $21670$ eal $-ppm$ $Call$ 9       13:17 $V \oplus 0$ 97.7 $48722050$ eal $30520$ eal $-ppm$ $Millip$ 10 $2:14^{r}$ $V \oplus 0$ 97.7 $48722050$ eal $30520$ eal $-ppm$ $Millip$ 11 $1457^{r}$ $V \oplus 07.7$ $487237030$ eal $30520$ eal $-ppm$ $Millip$ 12 $0927^{r}$ $V \oplus 7.7$ $4873350$ eal $347800$ eal $-ppm$ $Millip$ 13 $1379^{r}$ $-r^{r}$ $48855030$ eal $347800$ eal $-ppm$ $Millip$ $Millip$ 13 $1379^{r}$ $-r^{r}$ $48855030$ eal $314500^{r}$ eal $-ppm$ $Millip$ $Millip$ 14 $13:3^{r}$ $V \oplus 94^{r}$ $48855030$ eal $31450^{r}$ eal $5^{c}$ ppm $Millip$ 15 $8:58^{r}$ $1480^{r}$ $80^{r}$ $23500^{r}$ eal $5^{c}$ ppm $Millip$ <	5		> Y~/-N>	۴ <sup>°</sup> F	gal	24463 4821	ppm		and a rest
8       0450 $\sqrt{182}$ -**       4800180       eal       21470       eal	6		- <del>× / N</del>	•F	g_a	24463/Yeal	ppm		
8       0450 $\sqrt{182}$ -**       4800180       eal       21470       eal	7	1000	Y / 🕅	85"	48663710 gal	244631 gal	ppm		COLT MIKE
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	8	0950	Y/N		48690180 gal	26470 gal	ppm	/	(U)
11 $\frac{1}{357}$ $\frac{1}{57}$ $\frac{1}{$	9	13:17	¥ / 🕅	97 *	48722050 gal	31570 Bal	- ppm		Mike
11 $\frac{1}{357}$ $\frac{1}{57}$ $\frac{1}{$	10	12:14	Y /N	93 "	48752370 gal	30520 gal	- ppm		MKEROTH
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	11	1257	Y (37)	97 *	48787350 gal	34980 Bal	ppm	(	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12	0927	Y ID	°F	48822130 Bal	34780 gal	ppm		CW RA
15 $5^{\circ} 58^{\circ} r/60^{\circ} 85^{\circ} r/60^{\circ} 85^{\circ} 0^{\circ} 83^{\circ} 235^{\circ} 0^{\circ} 83^{\circ} 5^{\circ} 10^{\circ} 83^{\circ} 10^{\circ} $	13	13:13	v Co	• °F	4-2885030 gal	31450 A Bal	ppm		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	14	13.13	Y /N	94 °F	48885030 gal	31450/Ggal	ppm	_	M.KE/COTT
17 17 17 11 10 162 * 489 61070 gal 208 20 gal - ppm - Mike 18 1239 * 100 * 489 8470 gal 23700 gal - ppm - COLT MIKE 19 - +++ - * - gal 22423 Agal - ppm - COLT MIKE 20 - +++ - * - gal 22423 Agal - ppm - COLT MIKE 21 13:16 * 100 * 49053540 gal 22923 gal - ppm - COLT MIKE 22 14:00 * 100 * 49053540 gal 212923 gal - ppm - COLT MIKE 23 1127 VIN 87* 491225080 gal 31540 gal - ppm - COLT MIKE 24 1219 * 100 91 * 49085080 gal 37510 gal - ppm - COLT MIKE 25 1120 * 100 91 * 49161630 gal 32950 gal - ppm - COLT MIKE 26 - +++ * * * * 491235370 gal 30296 Agal - ppm - COLT 26 - +++ * * * * * * * * * * * * * * * * *	15	8:58		85"	48908530 gal	23500 gal	5.Cl ppm	8.0	MIKE
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	16	13:26	Y 10	49	409 40 C>0 Bal	31720 gal	ppm		MIKE
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	17			102		20820 gal	ppm	-	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	18	1239	Y / 🗹				ppm		COLT MIKE
20	19		- <del>*/ N-</del>						
21 15.76 710 100 99053540 gal 22925 gal $-ppm - COTMILLO 22 14:00 710 91 F 49085080 gal 31540 gal -ppm - COTMILLO 23 1127 00/N 87 F 49122590 gal 37510 gal -ppm - COLTMILLO 24 1219 710 94 F 49161630 gal 39040 gal -ppm - COLTMILLO 25 1120 710 9 F 49194480 gal 32850 gal -ppm - COLTMILLO 26 - 77N - F - gal 30296 Agal -ppm - COLT27 - 77N - F - gal 30296 Agal -ppm - COLT28 30 0/N 99 F 49328090 gal 308960 gal -ppm - COLT29 307 7 N 95 F 49328090 gal 36720 gal -ppm - COLT30 1064 7 N 81 F 49348420 gal 26330 gal 7.1 ppm 7.7 COLT$			<u>Y/N</u>			22923 (Bal	ppm	~	
23 1/27 $\odot/N$ 87 <sup>°F</sup> 49122890 gal 37510 gal ppm - COLT MIKE 24 12/9 $Y/\odot$ 94 <sup>°F</sup> 49161630 gal 39040 gal ppm - COLT MIKE 25 1120 $Y/\odot$ 91 <sup>°F</sup> 19194480 gal 32850 gal ppm - COLT 26 $-77N$ $-°F$ gal 30296 A gal ppm - COLT 27 $-77N$ $-°F$ gal 30296 A gal ppm - COLT 28 /310 $\odot/N$ 94 <sup>°F</sup> 49285370 gal 302960 gal ppm - COLT 29 307 $Y$ $O$ 95 <sup>°F</sup> 49322090 gal 36720 gal ppm - COLT 30 1064 $Y$ $O$ 8/°F 49348420 gal 26330 gal 7.1 ppm 7.7 COLT	21	13:16		100 °F		22923 gal			CO IT MIKE
24 12/9 Y/O 94 F 49161630 gal 39040 gal ppm COUT MILE 25 1120 Y/O 9 F 491944980 gal 32850 gal ppm COUT 26 $-77N$ $-F$ gal 30296 A gal ppm COUT 27 $-77N$ $-F$ gal 30296 A gal ppm COUT 28 /310 O/N 94 F 49285370 gal 302960 gal ppm COUT 29 307 Y/N 95 F 49322090 gal 36720 gal ppm COUT 30 1064 Y/N 8/F 49348420 gal 26330 gal 7.1 ppm 7.7 COLT	22	14:00	1	GI F	49085080 Bal	31540 gal	•ppm		Colt Miled
25 1120 $Y 10$ $q$ $F 191944980_{gal} 32850_{gal} - ppm - Cout 26 -77N F -8al 30296_{A}al ppm$	23			87"	49122590 Bal	37510 gal	ppm	)	COLT MIKE
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24			94"	419161630 Bal	39040 gal	ppm	$\sim$	COUTMIRE
27 $ +$ $ +$ $ +$ $ +$ $ +$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	25	1120	¥ 10	9 F	19194480 Bal	32850 831	ppm		COLT
28 /310 O/N 99" 49285370 Bal 302966 (Bal - ppm - COLT 29 307 V N 95" 49322090 Bal 36720 Bal - ppm - COLT 30 1064 V N 8/ F 49348420 Bal 26330 Bal 7.1 ppm 7.7 COLT	26			°F	gal		ppm		
29 307 V P 95" 49322090 gal 36720 gal - ppm - COLT 30 1004 V N 8/ " 49348420 gal 26330 gal 7.1 ppm 7.7 COLT	27			°F	gal		ppm		
30 1004 Y 1 8/ F 49348420 Bal 26330 Bal 7.1 ppm 7.7 COLT	28		Ø/ N	99"	44285370Ea	302460/Bal	ppm	_	COLT
	29	307	Y (V)	95"	49322090 Bal	36720gal			COLT
	30	1004	Y 🔊	8/ *	49348420 Bal	26330 Bal	7. ppm	7.7	
	31	1027	Y (P)	<u>87</u> °	19372060 Ba	23640 gal	ppm		

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Mit.

# ATTACHMENT A4 Soil Analysis



### DEPARTMENT OF THE AIR FORCE 502D AIR BASE WING JOINT BASE SAN ANTONIO



12 March 2024

Gerald R. Johnson, REM, CESCO Water Quality Program Manager Joint Base San Antonio (JBSA) 802 CES/CEIEC 1555 Gott Street, Building 5595 Lackland AFB, TX 78236

TCEQ Compliance Monitoring Coordinator ATTN: Ms. Rosie Garza Water Quality Management Information Systems MC 224 PO Box 13087 Austin TX 78711-3087

SUBJECT: Soil Sample Analysis for the Camp Bullis WWTP (WQ0012080001)

Dear Ms. Garza,

Enclosed please find the 2024 submission of the soil sample analysis report as required by the Camp Bullis Wastewater Treatment Plant permit. Soil samples were collected from the root zones at the depths 0 to 6 inches, 6 to 18 inches, and 18-30 inches from the area irrigated by reclaimed water from the treatment plant.

If you have any questions regarding this submittal, please do not hesitate to contact me at (210) 221-4251 or gerald.johnson.29@us.af.mil.

Sincerely,

Gerald R. Johnson, REM, CESCO JBSA Water Quality Program Manager

Attachments

Soil Sample Analysis Report

cc: Mr. Jorge Salazar, TCEQ Region 13 Federal Facility Coordinator

Mission ~ Wingman ~ Partners

## POLLUTION CONTROL SERVICES

.



### **Report of Sample Analysis**

Client Information	Sample Information	Laboratory Information
Gerald Johnson	Project Name: Camp Bullis Annual Soil	PCS Sample #: 749624 Page 1 of 1
Ft Sam Houston Environmental Office	<sup>§</sup> Sample ID: 0-6"	Date/Time Received: 2/1/2024 08:35
2250 Engineer Street, Suite 7	Matrix: Soil	Report Date: 2/16/2024
JBSA - Fort Sam Houston, TX 78234	Date/Time Taken: 1/31/2024 1300	Approved by:

Test Description	Flag	Result	Units	RL	Anab	sis Date	/Time	Meth	ođ	Analyst	
pH		7.1	S.U.	N/A	2/9/2	2024 14:0	)0	SW846	9045	CLH	
Conductivity, Specific		177.1 µmb	ios/cm at 25°	°C N/A	2/9/2	2024 11:1	1	SM 251	0B	CLH	
Nitrate-N		0.2	mg/kg	0.1	2/13	/2024 14:	:15	EPA 35	2.1	EMV	
Kjeldahl-N, Total	!	3,163	mg/kg	3	2/5/2	2024 10:3	0	SM 450	0-N B/C	PML	
Ammonia-N		<3	mg/kg	3	2/15	/2024 10:	:00	SM 450	0-NH3 B/C	PML	
Phosphorous/ICP (Mehlich III)	R	<6.41	mg/kg	6.41	2/14	/2024 14:	:29	Mehlich	3/EPA 200.7	DJL	
Potassium/ICP (Mehlich III)		590	mg/kg	6.41	2/14	/2024 14:	:29	Mehlich	3/EPA 200.7	DJL	
Total Solids		76.9	%	0.10	2/5/2	2024 17:0	0	SM 254	0 G	EMV	
Test Description	- 14 <b>1</b> - 1	Precision	Quality As Limit	LCL	MS	MSD	UCL	1.09	LCS Limit	Blank	1.01
pH		N/A	N/A	N/A	1410	MIGL	N/A	LCO	LCS LIMIT	DIZUK	
Conductivity, Specific		N/A	N/A	N/A			N/A				
Nitrate-N		2	10	70	108	ш	130	101	85 - 115		
Kjeldahl-N, Total		7	13	83	93	100	114	106	85 - 115	<3	
Ammonia-N		<1	10	88	98	98	104	101	85 - 115	~	
Phosphorous/ICP (Mehlich III)		2	20	75	75	*73	125	105	85 - 115		
Potassium/ICP (Mehlich III)		3	20	70	*N/C	*N/C	130	95	85 - 115		
Total Solids		<1	12	N/A			N/A				
Quality Statement: All supporting que exceptions or in a case narrative attac	hment. Repo	rts with full qua	ility data de	ives and te eliverables	are abaila	ble on requ	iest.			ise noted as flo	agged
<ul> <li>Approved for release per QA Plan, Exception to Limits - QAM Section 13-4</li> <li>Parameter not NELAP certifiable</li> <li>P Spike recovery outside control limits due to matrix effect - LCS within limits</li> <li>Reported on a Dry Weight Basis</li> </ul>					All data is RL = Rep	s reported o orting Lim	on an 'As l its	is' basis ur	e sample tested. iless designated as tion Greater than 5 t	- 10 K	evel

www.pcslab.net chuck@pcslab.net

Main: 210-340-0343 Fax: 210-658-7903

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### CONTROL SERVICES POLLUTION



### **Report of Sample Analysis**

Client Information	Sample Information	Laboratory Information
Gerald Johnson	Project Name: Camp Bullis Annual Soil	PCS Sample #: 749625 Page 1 of 1
Ft Sam Houston Environmental Office	<sup>8</sup> Sample ID: 6-18"	Date/Time Received: 2/1/2024 08:35
2250 Engineer Street, Suite 7	Matrix: Soil	Report Date: 2/16/2024
JBSA - Fort Sam Houston, TX 78234	Date/Time Taken: 1/31/2024 1300	Approved by:

Test Description	Flag	Result	Units	RL	Anab	sis Date	Time	Meth	od	Analyst
H		7.4	S.U.	N/A	2/9/	2024 14:0	0	SW846	9045	CLH
Conductivity, Specific		235 µml	os/cm at 25	°CN/A	2/9/2	2024 11:1	1	SM 251	0B	CLH
Nitrate-N		3.7	mg/kg	0.1	2/13	/2024 14:	15	EPA 35	2.1	EMV
Kieldahl-N, Total	!	2,120	mg/kg	3	2/5/	2024 10:3	0	SM 450	0-N B/C	PML
Ammonia-N			mg/kg	3	2/15	/2024 10:	00	SM 450	0-NH3 B/C	PML
Phosphorous/ICP (Mehlich III)	R	<6.35	mg/kg	6.35	2/14	/2024 14:	29	Mehlich	3/EPA 200.7	DJL
Potassium/ICP (Mehlich III)		500	mg/kg	6.35	2/14	/2024 14:	:29	Mehlich	3/EPA 200.7	DJL
Total Solids		77.4	%	0.10	2/5/	2024 17:0	0	SM 254	0 G	EMV
Test Description		Precision	Quality A: Limit	LCL	MS	MSD	UCL	LCS	LCS Limit	Blank
pH		N/A	N/A	N/A			N/A			
Conductivity, Specific		N/A	N/A	N/A			N/A			
Nitrate-N		2	10	70	108	111	130	101	85 - 115	
Kjeldahl-N, Total		7	13	83	93	100	114	106	85 - 115	<3
Ammonia-N		<1	10	88	98	98	104	101	85 - 115	
Phosphorous/ICP (Mehlich III)		2	20	75	75	*73	125	105	<u> 85 - 115</u>	
Potassium/ICP (Mehlich III)		3	20	70	*N/C	*N/C	130	95	85 - 115	
Total Solids		<1	12	N/A			N/A			
Quality Statement: All supporting qu exceptions or in a case narrative atlact	ality data ad chment. Rep	hered to data qu orts with full qui	ality object	lives and te	st results r are abaila	neet the requ ble on requ	quiremen lest.	ts of NEL	AC unless otherw	ise noted as flagged
*Approved for release per QA Plan, Except / Parameter not NELAP certifiable		QAM Section 13-4							e sample tested. iless designated as	'Dry Wt'.

Forwarding not NELLA Company with the second sec

١g \*N/C = Not Calculated, Sample Concentration Greater than 5 times the Spike Level

www.pcslab.net chuck@pcalab.net

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### CONTROL SERVICES POLLUTION



### **Report of Sample Analysis**

Client Information	Sample Information	Laboratory Information
Gerald Johnson	Project Name: Camp Bullis Annual Soil	PCS Sample #: 749626 Page 1 of 1
Ft Sam Houston Environmental Office	<sup>9</sup> Sample ID: 18-30''	Date/Time Received: 2/1/2024 08:35
2250 Engineer Street, Suite 7	Matrix: Soil	Report Date: 2/16/2024
JBSA - Fort Sam Houston, TX 78234	Date/Time Taken: 1/31/2024 1300	Approved by:

Test Description	Flag	Result	Units	RL	Anab	sis Date	/Time	Meth	bd	Analyst
pН		7.6	\$.U.	N/A	2/9/2	2024 14:0	0	SW846	9045	CLH
Conductivity, Specific		209.2 µmł	ios/cm at 25	C N/A	2/9/2	2024 11:1	1	SM 251	0B	CLH
Nitrate-N		1.7	mg/kg	0.1	2/13	/2024 14:	:15	EPA 352	2.1	EMV
Kjeldahl-N, Total	1	1,646	mg/kg	3	2/5/2	2024 10:3	0	SM 450	0-N B/C	PML
Ammonia-N		4	mg/kg	3	2/15	/2024 10:	:00	SM 450	0-NH3 B/C	PML
Phosphorous/ICP (Mehlich III)	R	<6.39	mg/kg	6.39	2/14	/2024 14:	:29	Mehlich	3/EPA 200.7	DJL
Potassium/ICP (Mehlich III)		590	mg/kg	6.39	2/14	/2024 14:	29	Mehlich	3/EPA 200.7	DЛ
Total Solids		77.7	%	0.10	2/5/	2024 17:0	10	SM 254	0 G	EMV
Test Description		Precision	Quality As Limit	SUFANCE SUE	MS	MSD	UCL	LCS	LCS Limit	Blank
pH		N/A	N/A	N/A			N/A			
Conductivity, Specific		N/A	N/A	N/A			N/A			
Nitrate-N		2	10	70	108	111	130	101	85 - 115	
Kjeldahl-N, Total		7	13	83	93	100	114	106	85 - 115	<>
Ammonia-N		<1	10	88	98	98	104	101	85 - 115	
Phosphorous/ICP (Mehlich III)		2	20	75	75	*73	125	105	85 - 115	
Potassium/ICP (Mehlich III)		3	20	70	*N/C	*N/C	130	95	85 - 115	
Total Solids		<1	12	N/A			N/A			
Quality Statement: All supporting que exceptions or in a case narrative atta								ts of NEL	AC unless otherw	ise noted as flagged
*Approved for release per QA Plan, Except / Parameter not NELAP certifiable	tion to Limits - (	-							sample tested.	'Drv Wt'

R Spike recovery outside control limits due to matrix effect - LCS within limits & Reported on a Dry Weight Basis

RL = Reporting Limits \*N/C = Not Calculated, Sample Concentration Greater than 5 times the Spike Level

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### POLLUTION CONTROL SERVICES

Stamp 1<sup>st</sup> sample and COC as same number REPORT INFORMATION CUSTOMER INFORMATION Attention: Scott Washburn Fax: Phone: Name: JBSA 502 CESICE IE **Requested Analysis** SAMPLE INFORMATION K. P. JCO K. P. JCO Instructions/Comments: Collected By: JEFF DePree Project Information: Annual Soil Samples Container Camp Bullie Irrightion Fields Report "Soils" @ As Is B. Dry WI Matrix Field Chlorine Residual mg/L Composite or Grab DW-Drinking Water, NPW-Non-Number potable water; WW-Wastewater; LW-Liquid Waste Type Collected Preservative Client / Field Sample ID Date Time **PCS Sample Number** BG DG D0 HINO, HNO SUT 30 Start 3/24 1 X X 0-6" E#300 013124 C Other

749624 DW NPW WW (\$ Soil Sludge LW Other E G G G 749625 01/31 24 730 K)C l 6-18" ΠG ۴ OS OB ON OHEM Other. X 0131 24 End 300 DW DNPW HISO4 HNO 013 24 0730 **K**IC 749626 DW DW WW Soil Sludge DLW Other DH,PO, DNAOH x 18-304 0/31/201300 DC. × OS OB ON OHEM Other HINO, HNO, DP Start: Sludge [] LW ⊡G CIS OB ON OREM Other End: End: Cthe Other

DW NPW
WW Soil

Sludge LW
Other

DW NPW
NPW TIP Start: Start: Dc. DG GC 100 OS CB ON DHEM Other End: End: OP Start: Start: DC WW Soil
Sludge LW
Other DG. OS OB ON OHEM Other End End: Ciber
DW NPW
WW Soil
Sludge LW
Other
DW NPW DP Start: Start: Dc. ⊡G ⊡0 DC. End: OS CIB ON DREM Other End: OP HINO1 HINO1 Start: Start: ПС Studge OLW HIPO, NOH G OS OB ON OHEM Other: End: End: COhe Required Turnaround: 🗆 Routine (6-10 days) EXPEDITE: (See Surcharge Schedule) 🗆 < 8 Hrs. 🗆 < 16 Hrs. 🗆 < 24 Hrs. 💭 5 days 🗅 Other: \_\_\_\_\_ Rush Charges Authorized by: Sample Archive/Disporat: C Laboratory Standard C Hold for client pick up Container Type: P = Plastic, G = Glass, O = Other Carrier ID: 41 Der. Date: 02/01/24 Time: 0835 Received By: Date: Time: Relinquished By:

Received By: Date: 2-1-24 Time: 0835 Relinquished By: 00 Date Time: pan agrille Rev Multiple Sample COC\_20181628 1532 Universal City Blvd., Ste. 100, Universal City, Texas 78148 P (210) 340-0343 or (800) 880-4616 - F (210) 658-7903 Login at www.pcslab.net

Chain of Custody Number 749624

## MULTIPLE SAMPLE ANALYSIS REQUEST AND CHAIN OF CUSTODY FORM

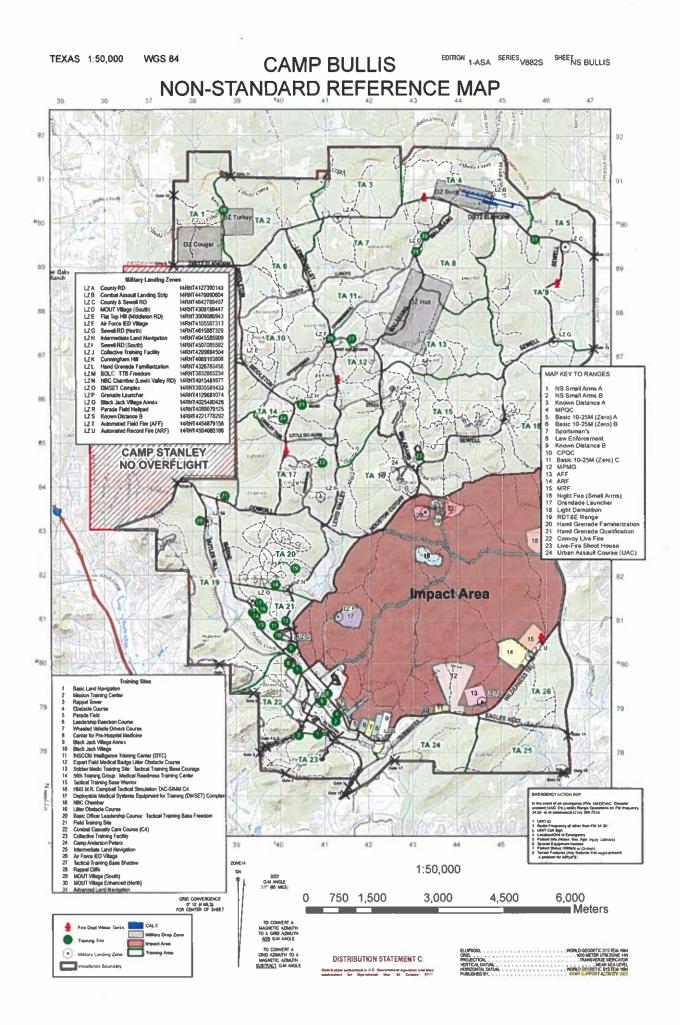
Pollution Control Services Universal City, Tx

Sample Log-In Checklist DCN: SL-001, Rev. 1 Effective Date: 6/07/2022

# Pollution Control Services Sample Log-In Checklist

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PCS Samule No(a) 719624 710636 26 COC No. 9624
502
Sample Delivery to Lab Via: Client Drop Off Commercial Carrier: Bus UPS Lone Star FedEx USPS PCS Field Services: Collection/Pick Up Other:
Sample Kit/Coolers         No         Sample Kit/Coolers           Sample Kit/Cooler? Yes         No         Sample Kit/Cooler: Intact? Yes           Custody Seals on Sample Kit/Cooler: Not Present         If Present, Intact         Broken           Sample Containers Intact; Unbroken and Not Leaking? Yes         No         Externance           Sample containers Intact; Unbroken and Not Leaking? Yes         No         Externance           Custody Seals on Sample Bottles: Not Present         Intact         Broken           Core Present with Shipment or Delivery or Completed at Donp Off? Yes         No           Core Present with Shipment or Delivery or Completed at Donp Off? Yes         No           Has COC agree with Sample Bottle Information, Bottle Types, Preservation, etc.? Yes         No           All Samples Received Before Hold Time Expiration? Yes         No           Sufficient Sample Volumes for Analysis Requested? Yes         No           Zero Headspace in VOA Vial? Yes         No
Sample Preservation: * Cooling: Not Required or Required If cooling required the of submitted samples Observed/Corrected the of
Acid Preserved Sample - If present, is pH <2?
Adjusted by Tech/Analyst:Date :Time:
Client Notification/ Documentation for "No" Responses Above/ Discrepancies/ RevisionComments Decon Notified: Connected by:
Time: ct: At Drop Off: Authorized Laboratory to P ments:
Actions taken to correct problems/discrepancies.
Receiving qualifier needed (requires client notification above) TempHolding TimeInitails: Receiving qualifier entered into LIMS at loginInitial/Date: Revision Comments:



# ATTACHMENT A5 180-Day Extension Request to Renew TLAP Permit No. WQ0012080001

Jon Niermann, Chairman Bobby Janecka, Commissioner Catarina R. Gonzales, Commissioner Kelly Keel, Executive Director



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 30, 2024

### CERTIFIED MAIL

Gerald Johnson Water Quality Program Manager 802nd CES/CEIEC 2250 Engineer Street Ste 7 (Bldg. 4196) JBSA-Fort Sam Houston, TX 78234

RE: 180-Day Extension Request to Renew TLAP Permit No. WQ0012080001 Customer: U.S. Department of the Air Force (CN600919401) Regulated Entity: Camp Bullis WWTF (RN101609311)

Dear Gerald Johnson:

Thank you for contacting the Texas Commission on Environmental Quality (TCEQ). We have received your request to extend the 180-day filing deadline as stipulated in the TCEQ rule 30 Texas Administrative Code (TAC) Section §305.65.

Submittal of an application to renew the wastewater permit for the Camp Bullis WWTF, located in Bexar County, Texas, must be received prior to the permit expiration date. An extension to the application filing deadline is being granted as requested until October 18, 2024.

If you should have any questions, please feel free to contact Leah Whallon at 512-239-0084 or at leah.whallon@tceg.texas.gov.

Sincerely,

Jean Whallow

for Erwin Madrid, Team Leader Applications Review and Processing Team (MC-148) Water Quality Division

EM/lcw

bcc: TCEQ Region 13, Water Section Manager

Mr. Deba Dutta, Municipal Permits Team Leader (MC-148)
Ms. Macy Beauchamp, TCEQ Enforcement Division (MC-219)

Ms. Krista Urea, Application Review and Processing Team (MC-148)

# **ATTACHMENT A6 Proof of Payment**

### Noonan, Erin

From: Sent: To: Subject: Noonan, Erin Thursday, October 17, 2024 4:30 PM Noonan, Erin FW: TCEQ ePay Receipt for 582EA000630285

On 10/17/24, 3:14 PM, "steers@tceq.texas.gov <mailto:steers@tceq.texas.gov>" <steers@tceq.texas.gov <mailto:steers@tceq.texas.gov>> wrote:

This is an automated message from the TCEQ ePay system. Please do not reply. Trace Number: 582EA000630285 Date: 10/17/2024 04:14 PM Payment Method: CC - Authorization 000002116G TCEQ Amount: \$1,615.00 Texas.gov Price: \$1,651.59\*

\* This service is provided by Texas.gov, the official website of Texas. The price of this service includes funds that support the ongoing operations and enhancements of Texas.gov, which is provided by a third party in partnership with the State.

Actor: ROBERT FORD Email: rford@gryphon-env.com <mailto:rford@gryphon-env.com>

Payment Contact: ROBERT FORD Phone: 719-578-3330 Company: GRYPHON ENVIRONMENTAL LLC Address: 102 S TEJON STREET SUITE 1100, COLORADO SPRINGS, CO 80903

Fees Paid: Fee Description AR Number Amount WW PERMIT - FACILITY WITH FLOW >= .50 & < 1.0 MGD - RENEWAL \$1,600.00 30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE \$15.00

TCEQ Amount: \$1,615.00

Voucher: 726525 Trace Number: 582EA000630285 Date: 10/17/2024 04:14 PM Payment Method: CC - Authorization 000002116G Voucher Amount: \$1,600.00 Fee Paid: WW PERMIT - FACILITY WITH FLOW >= .50 & < 1.0 MGD - RENEWAL RN Number: RN101609311 Site Name: CAMP BULLIS WWTP Site Location: CAMP BULLIS Customer Name: U S DEPARTMENT OF THE AIR FORCE Customer Address: 2080 WILSON WAY, JBSA-FORT SAM HOUSTO, TX 78234 7680 Program Area ID: WQ0012080001

Voucher: 726526 Trace Number: 582EA000630285

### Date: 10/17/2024 04:14 PM

Payment Method: CC - Authorization 000002116G Voucher Amount: \$15.00 Fee Paid: 30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE

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To print out a copy of the receipt and vouchers for this transaction either click on or copy and paste the following url into your browser:

https://www3.tceq.texas.gov/epay/index.cfm?fuseaction=cor.search&trace\_num\_txt=582EA000630285 <https://www3.tceq.texas.gov/epay/index.cfm?fuseaction=cor.search&amp;trace\_num\_txt=582EA000630285>.

This e-mail transmission and any attachments are believed to have been sent free of any virus or other defect that might affect any computer system into which it is received and opened. It is, however, the recipient's responsibility to ensure that the e-mail transmission and any attachments are virus free, and the sender accepts no responsibility for any damage that may in any way arise from their use.

### **Candice Calhoun**

From:	JOHNSON, GERALD R CIV USAF AETC 802 CES/CEI <gerald.johnson.29@us.af.mil></gerald.johnson.29@us.af.mil>
Sent:	Thursday, November 7, 2024 8:42 AM
То:	Candice Calhoun
Cc:	JONES, SHARON K CIV USAF AETC 802 CES/CEIEC
Subject:	RE: Application to Renew Permit No. WQ0012080001 - Notice of Deficiency (NOD)
Attachments:	Item 4 Camp Bullis Final Effluent.pdf; Item 2 Camp Bullis Boudary Map.pdf; Item 3 Camp
	Bullis Plain Language Summary PLS Form.docx

Good morning Ms. Courville,

Per your 24 October 2024 email and attached letter, JBSA is providing the following responses to your comments related to Application to Renew Permit No. WQ0012080001:

- Section 14: Signature Page The permit application was notarized by Sarah Ann Flynn who is a member of JBSA's legal department. In accordance with 10 United States Code § 1044b - "Military powers of attorney: requirement for recognition by States, shall be given the same legal effect as a power of attorney prepared and executed in accordance with the laws of the State concerned." Paralegals and attorneys working for JBSA are authorized notaries under Title 10 United States Code and their authority remains active until they separate from government service, which is why an expiration date for these public notaries is not shown.
- 2. USGS Topographic Map Attached is a revised USGS topographic map in color with the JBSA Camp Bullis property boundary shown.
- 3. Plain Language Summary (PLS) Attached is the requested PLS in English.
- 4. Technical Report 1.0 Attached is the updated Section 1 page with the Final Phase flow information included. As noted in the April 2020 permit application, JBSA replaced the outdated, aging concentric circle WWTP with a new package WWTP. The new WWTP was designed to treat 160,000 gallons per day based on operational changes and reduced wastewater flows on the installation. The new WWTP was placed in operation in October 2020. JBSA does not plan to expand the existing WWTP, so the final effluent flow information matches existing flow information provided in the form.

Please note JBSA received additional feedback from TCEQ Water Quality Assessment Team requesting additional information on this permit renewal application and will include you on the response to their application comments. If you have any questions or concerns with the above/attached information, please do not hesitate to contact me.

v/r

Gerald R. Johnson, REM, CESCO JBSA Water Quality Program Manager (210) 221-4251 office

### **Candice Calhoun**

From:	JOHNSON, GERALD R CIV USAF AETC 802 CES/CEI <gerald.johnson.29@us.af.mil></gerald.johnson.29@us.af.mil>
Sent:	Thursday, December 5, 2024 9:21 AM
То:	Candice Calhoun
Cc:	Erwin Madrid; JONES, SHARON K CIV USAF AETC 802 CES/CEIEC
Subject:	RE: Application for Permit No. WQ0012080001 – Notice of Deficiency 30-Day Will
	Return Letter
Attachments:	Item 2 Camp Bullis Boudary Map.pdf; Item 4 Camp Bullis Tech Report 1.0 Sec 1 Item C_V2.pdf

Good morning, Ms. Calhoun-Courville,

Per your 24 October 2024 NOD letter and email and Ms. Erika Crespo's November 14, 2024, NOD 30-Day Will Return Letter, JBSA is providing the following responses to your comments related to Application to Renew Permit No. WQ0012080001.

- 1. Section 14: Signature Page this item was previously addressed and accepted via our November 7 and 8, 2024 email correspondence.
- 2. USGS Topographic Map Attached is a revised USGS topographic map in color with the JBSA Camp Bullis property boundary shown. Also, a closeup version of the map depicting the wastewater treatment facility area is attached as well to make it more reader friendly.
- 3. Plain Language Summary (PLS) The PLS was submitted by JBSA on 7 November 2024 and accepted by TCEQ.
- 4. Technical Report 1.0 Attached is the updated Section 1 page with the Permitted or Proposed flow information updated as requested.
- 5. The NORI presented in your 24 October 2024 letter is correct as written.

If you have any questions or need additional information, please do not hesitate to contact me.

v/r

Gerald R. Johnson, REM, CESCO JBSA Water Quality Program Manager (210) 221-4251 office

From: Erwin Madrid < Erwin.Madrid@tceq.texas.gov>

Sent: Thursday, November 14, 2024 10:43 AM

To: JOHNSON, GERALD R CIV USAF AETC 802 CES/CEI <gerald.johnson.29@us.af.mil>

Cc: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>

**Subject:** [Non-DoD Source] Application for Permit No. WQ0012080001 – Notice of Deficiency 30-Day Will Return Letter **Importance:** High

### **Candice Calhoun**

From:	JOHNSON, GERALD R CIV USAF AETC 802 CES/CEI <gerald.johnson.29@us.af.mil></gerald.johnson.29@us.af.mil>
Sent:	Friday, December 6, 2024 2:44 PM
То:	Candice Calhoun
Cc:	Erwin Madrid; JONES, SHARON K CIV USAF AETC 802 CES/CEIEC
Subject:	RE: Application for Permit No. WQ0012080001 – Notice of Deficiency 30-Day Will
	Return Letter
Attachments:	Item 2 Camp Bullis Boudary Map3.pdf

Good afternoon, Ms. Candice Courville,

Please find attached an updated USGS map containing the information requested (one mile-radius, WWTP site boundary, Applicant/Installation's property boundary, and existing holding ponds).

If you have any questions or need additional information, please do not hesitate to contact me.

v/r

Gerald R. Johnson, REM, CESCO JBSA Water Quality Program Manager (210) 221-4251 office

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Thursday, December 5, 2024 9:42 AM
To: JOHNSON, GERALD R CIV USAF AETC 802 CES/CEI <gerald.johnson.29@us.af.mil>
Cc: Erwin Madrid <Erwin.Madrid@tceq.texas.gov>; JONES, SHARON K CIV USAF AETC 802 CES/CEIEC
<sharon.jones.13@us.af.mil>
Subject: [Non-DoD Source] RE: Application for Permit No. WQ0012080001 – Notice of Deficiency 30-Day Will Return Letter
Importance: High

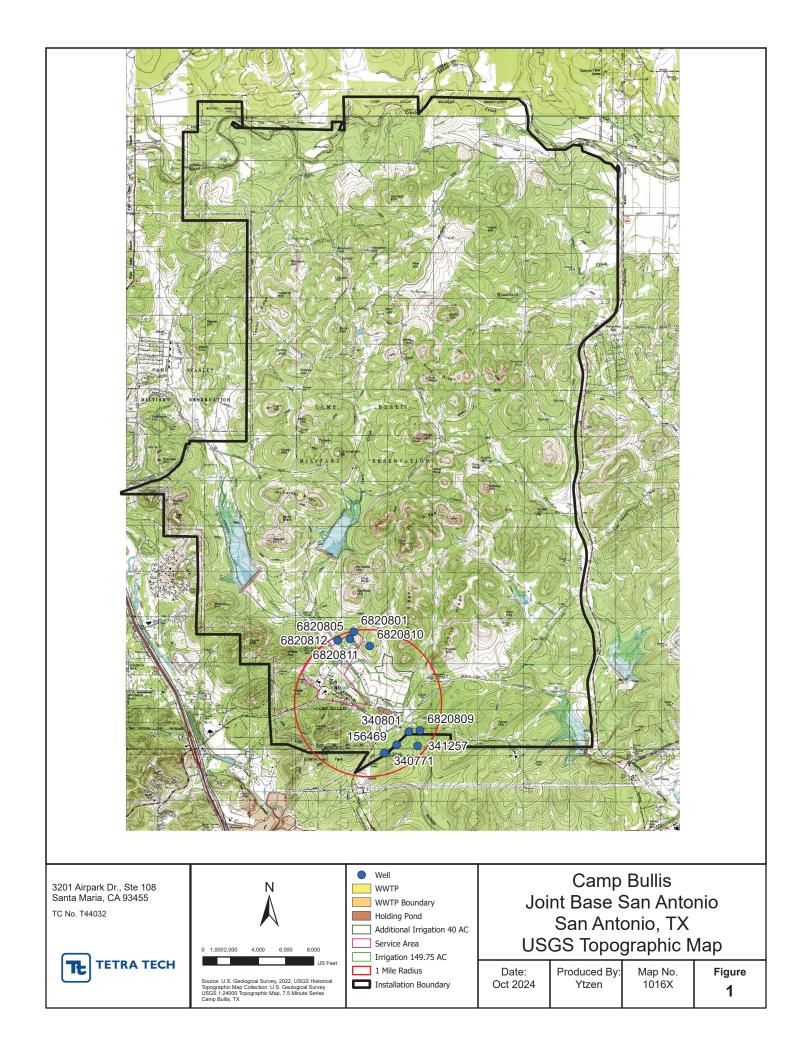
Good morning, Mr. Johnson,

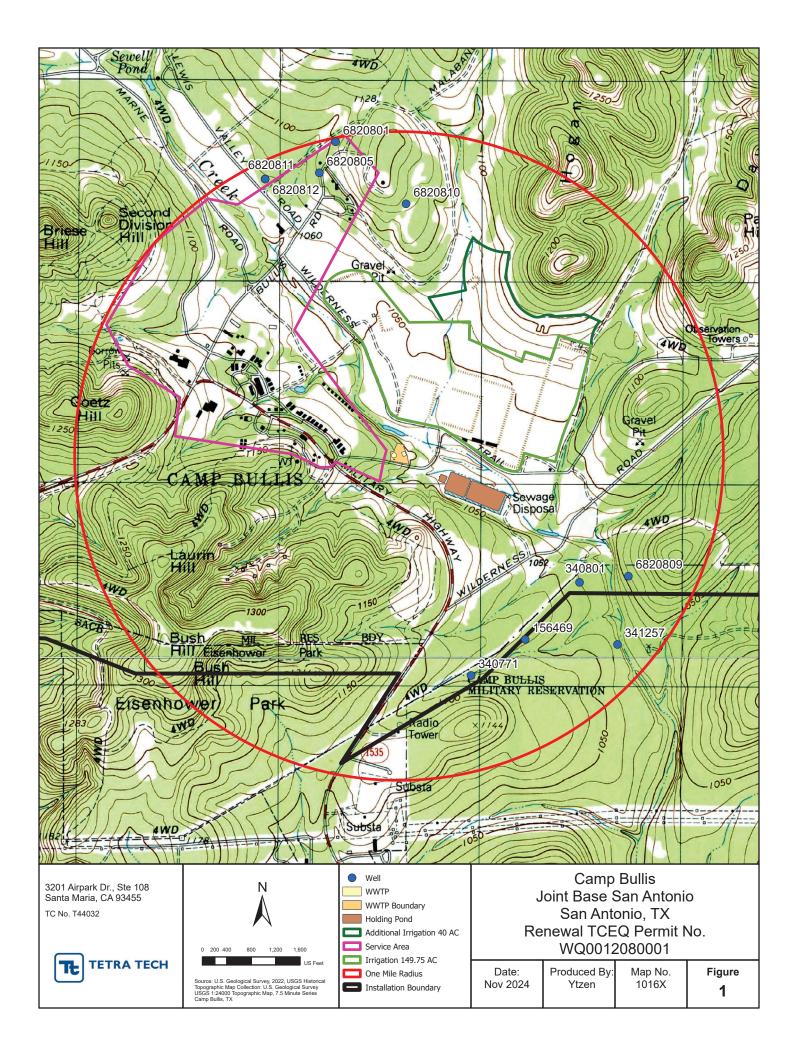
Thank you for your response. Items 1 and 3 of the NOD were previously addressed and sufficient, as you stated. Items 4 and 5, as submitted, are sufficient, however, more information is needed for item 2.

In the original application, the USGS map provided included the one-mile radius, WWTP site boundary, and the existing ponds. The USGS map, provided in your response email, only included the one-mile radius. The map needs to include each requirement (the one-mile radius, WWTP site boundary, Applicant's property boundary, and existing ponds). Please provide a revised map to include each applicable requirement. Please see the attached **Domestic Application Instructions** document to review the requirements for the USGS Topographic Map. (Section 13: Attachments, pages 33 through 34)

Please let me know if you have any additional questions.

Regards,





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



### DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

For any questions about this form, please contact the Domestic Wastewater Permitting Team at 512-239-4671.

The following information is required for all renewal, new, and amendment applications.

### Section 1. Permitted or Proposed Flows (Instructions Page 43)

### A. Existing/Interim I Phase

Design Flow (MGD): <u>0.160 MGD</u> 2-Hr Peak Flow (MGD): <u>0.048 MGD</u> Estimated construction start date: <u>Click to enter text.</u> Estimated waste disposal start date: <u>Click to enter text.</u>

### **B.** Interim II Phase

Design Flow (MGD): <u>Click to enter text.</u>

2-Hr Peak Flow (MGD): <u>Click to enter text.</u>

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

### C. Final Phase

Design Flow (MGD): 0.690 MGD during the months of April through November and 0.370 MGD during the months of December through March

2-Hr Peak Flow (MGD): <u>0.240</u>

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

### D. Current Operating Phase

Provide the startup date of the facility: <u>October 2020</u>

### Section 2. Treatment Process (Instructions Page 43)

### A. Current Operating Phase

Provide a detailed description of the treatment process. **Include the type of treatment plant, mode of operation, and all treatment units.** Start with the plant's head works and